TDMS

National Toxicology Support

Data Dictionary: TDMS

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Revision History

Date Released	Document Number	Revision Level	Reason for Revision
December 13, 1996	TS-1005	2.2	Regenerated TOC, removed Index and references to Certification
October 7, 1996	TS-1005	2.1	Added missing file description
September 3, 1996	TS-1005	2.0	Updated definitions
January 21, 1992	TS-1005	1.0	New

Table of Contents

1.0 Introduction

This document is used by technical support staff assigned to the
Toxicology Data Management System (TDMS). It describes TDMS
database parameters, fields, and files. Readers should be technically
familiar with TDMS *before* using this manual as a reference. For a
general description, refer to the manual, *TDMS System Overview*. The
Librarian can help you to obtain a copy.

2.0 Database Descriptions

This chapter describes each of the four databases that compose TDMS.

Bench

The TDMS benchmark database is structured exactly like the production database. It differs only in content. The content comprises copies of production tests and tests created by the testing staff. The purpose of the database is to provide testers with a suitable data environment for acceptance testing of TDMS and LDAS.

DB-ID: TDMS_BENCH   DB-NR: 5

File Parameters		Device Usage		
		Container	Disk	Size
MAX.FILES	250	ASSO	DISK$ADADSK2	310 Cylinders
CHECKPOINT	1	DATA	DISK$ADADSK1	550 Cylinders
SECURITY	2	WORK	DISK$ADADSK6	100 Cylinders
SYSTEM	11			
PREDICT	10			

Production

The production database is a repository for all data generated and used by the TDMS application. Access to, and update of its contents is strictly controlled. Database control is the primary responsibility of the TDMS database administrators.

DB-ID: TDMS_PROD   DB-NR: 7

File Parameters		Device Usage		
		Container	Disk	Size
MAX.FILES	250	ASSO	DSK_ADADSK1,-2,-3 (RA80)	624 cylinders each
CHECKPOINT	1	DATA	DSK_ADADSK4,-5,-6 (RA80)	1246 cylinders each

DB-ID: TDMS_PROD   DB-NR: 7 (continued)

File Parameters		Device Usage		
		Container	Disk	Size
SECURITY	2	WORK	DSK_ADADSK7 (RA80)	190 cylinders
SYSTEM	11			
PREDICT	10			

Quality Assurance

The TDMS QA database is structured exactly like the production database. It differs only in content. The content comprises copies of production tests and tests created by the QA staff. The purpose of the database is to provide testers with a suitable data environment for testing TDMS components.

DB-ID: TDMS_QA DB-NR: 3

File Parameters		Device Usage		
		Container	Disk	Size
MAX.FILES	250	ASSO	DSK_ADADSK3	155 Cylinders
CHECKPOINT	1	DATA	DSK_ADADSK8	600 Cylinders
SECURITY	2	WORK	DSK_ADADSK7	50 Cylinders
SYSTEM	11			
PREDICT	10			

Test

The TDMS test database is structured exactly like the production database. It differs only in content. The content comprises copies of production tests and tests created by the Development staff. The purpose of the database is to provide developers with a suitable data environment for their work.

DB-ID: TDMS_TEST DB-NR: 1

File Parameters		Device Usage		
		Container	Disk	Size
MAX.FILES	250	ASSO	DSK_ADADSK3	855 Cylinders
CHECKPOINT	1	DATA	DSK_ADADSK7	601 Cylinders
SECURITY	2	WORK	DSK_ADADSK1	40 Cylinders
SYSTEM	11			
PREDICT	10			

3.0 File Descriptions

This chapter describes each of the files that compose the databases of TDMS. For a definition of abbreviations used in this chapter, refer to the legend in *Appendix A-1*.

3.1 TDMS & PCT Tables

TB_OPERATOR_ID

Typ Nr   U 14

User view for operator table. Corresponds to the LDAS "operator" table. Contains all valid operators of TDMS. Each operator is assigned a unique, sequential number within the facility with which they are associated. All users of the TDMS menu have the first eight characters of their user account entered in the STARUSER field. The menu uses STARUSER to validate users invoking the menu.

OPERATOR-ID-TABLE

Typ Nr   A 14

Physical layout for operator table. Supports user view of same name.

TBSTAINC

Typ Nr   U 15

Logical layout of stain table. The table contains stains that could be used for tissue section cuts. Stains are a legacy to TDMS, with no use in the current version. PEX software does not require any stain codes to be associated with a test.

STAIN-TABLE

Typ Nr   A 15

Physical layout of stain table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBSTAINC. TBGET uses that layout description to form direct calls to retrieve data from the table for PCT and PAS validation reports. This layout corresponds to the view TBSTAINC. (Stain data is not collected or reported by the current version of TDMS.)

TABLES_DESCRIPTN

Typ Nr   U 16

Logical layout of the Tables Description table, which is used by NATURAL.

TABLES_DESCRIPTION

Typ Nr   A 16

Physical layout of the Tables Description table. TBGET retrieves data from this file. File contains physical layouts of TDMS tables used by TBGET.

TBSUBSTR

Typ Nr   U 17

Logical layout of substrain table. Substrains are a legacy to TDMS, with no use in the current version. PAS software requires a substrain code for inlife test protocol, so the codes for "Not Applicable" or "Not Specified" are entered.

SUBSTRAIN-TABLE

Typ Nr   A 17

Physical layout of substrain table. This layout is also stored in the Tables Description table. TBGET uses the layout description to form direct calls and retrieve data from the table for PAS validation reports. This layout corresponds to the view TBSUBSTR. Substrain data is not used in TDMS. Dummy values are entered in PAS.

TBDOSRTE

Typ Nr   U 18

Logical layout of Dose Route table. This table contains all routes by which a dose for a test may be administered. Current dose routes are categorized as follows: food, water, gavage, skin paint, and respiration.

DOSE-ROUTE-TABLE

Typ Nr   A 18

Physical layout of Dose Route table. This layout is also stored in the Tables Description table. TBGET uses the layout description to form direct calls and retrieve data from the table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBDOSRTE.

TBWGTOBJ

Typ Nr   U 19

Logical layout of Weight Object table. This table contains objects that may be weighed during the inlife portion of a test and for which there are weight ranges.

WEIGHT-OBJECT-TABLE

Typ Nr   A 19

Physical layout of Weight Object table. This layout is also stored in the Tables Description table. TBGET uses the layout description to form direct calls and retrieve data from the table for PAS validation reports. This layout corresponds to the view TBWGTOBJ.

TBUNITS

Typ Nr   U 20

Logical layout of Units table. This table lists quantitative units of measure. This table is a legacy to TDMS. The only valid unit of measure in TDMS is decigrams and it is hard-coded into TDMS software.

UNITS-TABLE

Typ Nr   A 20

Physical layout of Units table. This layout is described in the Tables Description table. The table has no meaning in TDMS. This file corresponds to the view TBUNITS.

TBSTRAIN

Typ Nr   U 21

Logical layout of strain table. Table contains species and species/strains that are used in TDMS. The three current species are mice, rats, and hamsters. Strain information appears on most EIS/ PEIS reports.

STRAIN-TABLE

Typ Nr   A 21

Physical layout of strain table. This layout is also stored in the Tables Description table. TBGET uses the layout description to form direct calls and retrieve data from the table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBSTRAIN.

TBAGENCY

Typ Nr   U 22

Logical layout of agency table. Contains a list of agencies. Table is a legacy to TDMS. Only one entry is valid: the entry for NIEHS/NTP. The code for that entry is '05' and is built into the nine-digit test number entered in PAS. The agency code is hard-coded by the menu system when EIS/PEIS reports are requested.

AGENCY-TABLE

Typ Nr   A 22

Physical layout of agency table. This layout is stored in the Tables
Description table. TBGET uses the layout description to form direct
calls and retrieve data from the table for EIS/PEIS and PAS validation
reports. This layout corresponds to the view TBAGENCY.

TBANCLQF

Typ Nr   U 23

Logical layout of animal class qualifier table. Animal class qualifiers are a
legacy to TDMS, with no use in its current version. The PEX
maintenance software requires an animal class qualifier, so the code for
"Not Applicable" is entered.

ANIMAL-CLASS-QUAL-TABLE

Typ Nr   A 23

Physical layout of animal class qualifier table. This layout is also stored
in the Tables Description table. TBGET uses the layout description to
form direct calls and retrieve data from the table for PAS validation
reports. This file corresponds to the view TBANCLQF.

TBCONDTC

Typ Nr   U 24

Logical layout of cage condition table. This table is a legacy to TDMS
and has no use in the current version of TDMS.

CAGE-CONDITION-TABLE

Typ Nr   A 24

Physical layout of cage condition table. Layout is stored in the Tables
Description table. TBGET uses the information to form direct calls
which retrieve data from this table for PAS validation re ports. This
layout corresponds to the view TBCONDTC.

TBCLOBSC

Typ Nr   U 25

Logical layout of the clinical observation table, which contains clinical
observations, inlife sites, inlife qualifiers, and removal reasons. Data
from this table appears in nearly all EIS/PEIS reports in some manner or
fashion.

CLINICAL-OBS-TABLE

Typ Nr   A 25

Physical layout of clinical observation table. This layout is stored in the Tables Description table. TBGET uses the information to form direct calls against this table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBCLOBSC.

TBCLOBSI

Typ Nr   U 26

Logical layout of clinical incompatibility table. This is a legacy table with no purpose in the current version of TDMS. Clinical observation incompatibility is simply enforced by LDAS software according to the following rules: *unremarkable* is incompatible with any other observation; *hyperactive* and *lethargic* are mutually incompatible.

CLIN-OBS-INCOMP-TABLE

Typ Nr   A 26

Physical layout of clinical observation incompatibility table. This layout is stored in the Tables Description table. TBGET uses the layout description to form direct calls and retrieve data from the table for PAS validation reports. This layout corresponds to the view TBCLOBSI.

TBFACLTY

Typ Nr   U 27

Logical layout of facility table. Contains all facilities for TDMS, current and former. Used in splash pages of EIS/PEIS reports, PAS validation reports, and almost every other part of the application.

FACILITY-TABLE

Typ Nr   A 27

Physical layout of facility table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBFACLTY. TBGET uses the layout description to form direct calls and retrieve data from the table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBFACLTY.

TBTESTYP

Typ Nr   U 28

Logical layout of test type table. Table contains possible test types by which a test may be classified. Test type information appears on most EIS/PEIS reports, usually on the splash page.

TEST-TYPE-TABLE

Typ Nr   A 28

Physical layout of test type table. This layout is also stored in the Tables Description table. TBGET uses the layout description to form direct calls and retrieve data from the table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBTESTYP.

TBACTONC

Typ Nr   U 29

Logical layout of action table. Table lists actions that may be performed by animal caretakers as specified in protocol procedures. Information is downloaded to LDAS and is used in creating the procedure action schedule.

ACTION-TABLE

Typ Nr   A 29

Physical layout of action table. This layout is also stored in the Tables Description table. TBGET uses the layout description to form direct calls and retrieve data from the table for PAS validation reports. This layout corresponds to the view TBACTONC.

TBPCT

Typ Nr   U 30

Logical layout of the pathology code table. This layout is the basis on which NATURAL retrieves data for downloads and pathology reports.

PATHOLOGY-CODE-TABLE

Typ Nr   A 30

Physical layout of the pathology code table. This layout is the basis on which PCTGET retrieves data for PCT and pathology reports. (PCTGET retrieves all fields in the table for pathology code table reports.) This layout corresponds to the view TBPCT.

TBWGTSTATUS

Typ Nr   U 31

Logical view of weight status table. Contains valid statuses for objects whose scheduled weight action is being bypassed. Downloaded to LDAS as part of test protocol. Displayed in all re ports that contain weight detail information.

TBTRTROLE

Typ Nr   U 31

Logical layout of treatment role table. Contains the possible roles that a treatment group may have on a test. Some older TDMS software still has these roles hard-coded.

TBCORRREASON

Typ Nr   U 31

Logical view of correction reason table. Contains the valid correction reasons that can be used to classify an entry made in the error correction system.

TBWEIGHTCURVE

Typ Nr   U 31

Logical view of animal weight growth table. Contains weight curve upper and lower limits as a function of species, sex, and week-on-test.

TBQUALGRP

Typ Nr   U 31

Logical view of the inlife qualifier group table. It contains the possible groups by which current inlife qualifiers are classified.

TBLDAS

Typ Nr   A 31

Physical layout of supertable that embraces five tables: weight status, treatment role, correction reason, inlife qualifier group, and weight curve tables. Each of these tables is defined in the Tables Description table. TBGET uses the descriptions to retrieve data via direct calls. Supports views named as TABLE_NAME.

TBANMLSUPPLIER

Typ Nr   U 32

Logical view of animal supplier table. Contains valid animal suppliers for tests. (There is a dummy record in the table for tests that preceded entry of animal suppliers in test protocol. This record has a key value of 0 and text of "NOT SPECIFIED".)

ANIMAL-SUPPLIER-TABLE

Typ Nr   A 32

Physical layout of animal supplier table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBANMLSU. TBGET uses that layout description to form direct calls to retrieve data from the table for PAS validation re ports. This layout corresponds to the view TBANMLSUPPLIER.

TBINLIFETERMS

Typ Nr   U 33

Logical view of inlife terms descriptions table. Contains synonyms for clinical observation codes. Used as part of LDAS help system.

IN-LIFE-TERMS-TABLE

Typ Nr   A 33

Physical layout of inlife terms table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBINLIFE. TBGET can use that layout description to form direct calls to retrieve data from the table, but does not. This layout corresponds to the view TBINLIFETERMS.

TBORGSTA

Typ Nr   U 34

Logical layout of organ (tissue) status table. Contains the possible statuses by which an organ (tissue) that is being microscopically evaluated may be classified.

ORGAN-STATUS-TABLE

Typ Nr   A 34

Physical layout of organ (tissue) status table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBORGSTA. TBGET uses that layout description to form direct calls to retrieve data from the table for pathology reports. This layout corresponds to the view TBORGSTA.

DESTINATION_TBLE

Typ Nr   U 35

View of valid TDMS output destinations. Used by TDMS menus to validate output destinations on TDMS screens.

DESTINATION-TABLE

Typ Nr   A 35

Physical layout of file 35. Supports the DESTINATION_TBLE view. No TDMS software uses physical layout to issue direct calls.

TBCLOBSCGRP

Typ Nr   U 36

View of clinical observation groups that classify entries in TBCLOBSC with SUBSETINDICATOR equal to "A".

CLIN-OBS-GROUP-TABLE

Typ Nr   A 36

Physical layout of file 36. Supports the TBCLOBSCGRP view. No
TDMS software uses this layout to issue direct calls.

3.2 Receive Status

STATUS_FILE

Typ Nr   U 38

View of RECEIVE transaction set status information. Provides a history
of set processing.

RECEIVE-STATUS

Typ Nr   A 38

Physical layout of file 38. Support the STATUS_FILE view. No TDMS
software accesses the file using direct calls.

3.3 Protocol Analysis

PSA_MASTER

Typ Nr   U 39

Supports latent PAS archival feature.

PAS_MASTER

Typ Nr   U 40

PAS master table. Indicates whether a test has been registered. Used by
report menus to validate a selected test.

PAS_TREATMNT_SEG

Typ Nr   U 41

View of treatment, and treatment regimen, protocol. Treatment groups
are generally organized according to dose levels and gender.

PAS_PROCEDUR_SEG

Typ Nr   U 42

View of in-life procedure action protocol. The procedures are organized
into groups of actions. These groups comprise the schedule of activities
that apply to cages. Its information is downloaded to LDAS.

PAS_PREPARTN_SEG

Typ Nr U 43

View of in-life, compound preparation protocol. The preparations define the composition of the dose mixtures used on the test. Information in the table is downloaded to LDAS and is used by many of the EIS/PEIS reports.

PAS_CENSUS

Typ Nr U 44

View of in-life, cage census protocol. Used to describe the cages on the test, including weight, treatment, and procedure groups, and number of animals to be allocated. Used by Download to construct what will be the LDAS CAGE table.

PAS_RESP_PARTIES

Typ Nr U 45

View of information on the people who share primary responsibility for the test. Not used by Download or EIS/PEIS reports.

PAS_WGT_ITEMS

Typ Nr U 46

View of weight group in-life protocol. Contains information about the weight groups to which cages are assigned. Specifies absolute minimum and maximum weights for used and full containers.

PAS_LOAD_WT

Typ Nr U 47

View of in-life protocol which describes the characteristics of the animals used on the test. Used throughout the system.

PAS_CLINICAL_OBS

Typ Nr U 48

View of in-life term protocol. Includes the clinical signs, sites, qualifiers, and removal reasons that may be used on the test. (For older MODCOMP tests, it will also include the cage conditions that were used for cage observations.) Processed by Download to generate all in-life term tables.

PAS_ANIMAL_ID

Typ Nr U 49

View of in-life, animal identification protocol. File is not used since implementation of LDAS. There is still the option to maintain the file in

PEX, and validation reports process it, but, otherwise, the system does not reference it. However, the value of CID-FLAG does indicate which of the two methods of constructing TDA-CARCASS-IDENTIFICATION-DE values in TD-ANIMAL was used on the test.

PAS_REMVL_ACTION

Typ Nr   U 50

View of in-life, removal action protocol. These actions are those to be performed by the data collector when an animal is removed from the test. Its information is downloaded to LDAS.

PAS_RACK_CAGE

Typ Nr   U 51

View of in-life protocol indicating the physical location of cages. Used by download to create the input for the initialization of the CAGE table.

PAS_ORGANS

Typ Nr   U 52

View of pathology protocol. Lists the organs that may be used for pathology data collection. This file is initially populated by copying from one of the universal download tests. It is rarely modified after initialization.

PAS_SITES

Typ Nr   U 54

View of pathology protocol. Lists the tissue sites that may be used for pathology data collection. This file is initially populated by copying from one of the universal download tests. It is rarely modified after initialization.

PAS_MORPHOLOGIES

Typ Nr   U 53

View of pathology protocol. Lists the morphologies that may be used for pathology data collection. This file is initially populated by copying from one of the universal download tests. It is rarely modified after initialization.

PAS_ACCT_SITE

Typ Nr   U 55

View of pathology accountable site protocol. Accountable sites pertain only to tests whose pathology data was collected exclusively on the old, MODCOMP based, collection system. They are sites on tissue that the

collectors were obligated to evaluate as if they were organs. (LDAS elevates the tissue sites to the level of tissue.) This view is not used by the current version of the download component.

PAS_MICRO_PROC

Typ Nr   U 56

View pertains to pathology protocol for test whose pathology data was collected using the MODCOMP collection system. Described protocol dependent procedures to be used in pathology evaluation.

PAS_PH_P_AST_OPR

Typ Nr   U 57

View of operators assigned to a test for pathology data collection. For tests conducted using LDAS, this information is assigned on the local machine and uploaded to the mainframe DBMS; for MODCOMP tests, the information was entered in PEX and downloaded.

PAS_MCRO_PTH_TBL

Typ Nr   U 58

View of pathology terms, including qualifiers, stain codes, and cause of death and morbidity codes Only qualifiers are relevant to the current version of TDMS. New records are generally populated by copying from one of the universal download tests. It is generally not modified after creation.

PAS_FAC_CHEM

Typ Nr   U 59

Basic information about the test, including the test compound and facility. Used throughout the system. Equivalent to the TEST table on LDAS.

PAS_CALI_WGT

Typ Nr   U 60

View of in-life, calibration protocol. It specifies the rules for calibrations of balances used for weight data collection. It is processed by the current version of download. It is always entered for tests on which weights are to be collected.

PSA_TREATMNT_SEG

Typ Nr   U 61

Supports latent PAS archival feature.

PSA_PROCEDUR_SEG
Typ Nr   U 62

Supports latent PAS archival feature.

PSA_PREPARTN_SEG
Typ Nr   U 63

Supports latent PAS archival feature.

PSA_CENSUS
Typ Nr   U 64

Supports latent PAS archival feature.

PSA_RESP_PARTIES
Typ Nr   U 65

Supports latent PAS archival feature.

PSA_WGT_ITEMS
Typ Nr   U 66

Supports latent PAS archival feature.

PSA_LOAD_WT
Typ Nr   U 67

Supports latent PAS archival feature.

PSA_CLINICAL_OBS
Typ Nr   U 68

Supports latent PAS archival feature.

PSA_ANIMAL_ID
Typ Nr   U 69

Supports latent PAS archival feature.

PSA_REMVL_ACTION
Typ Nr   U 70

Supports latent PAS archival feature.

PSA_RACK_CAGE
Typ Nr   U 71

Supports latent PAS archival feature.

PSA_ORGANS

Typ Nr U 72

Supports latent PAS archival feature.

PSA_MORPHOLOGIES

Typ Nr U 73

Supports latent PAS archival feature.

PSA_SITES

Typ Nr U 74

Supports latent PAS archival feature.

PSA_ACCT_SITE

Typ Nr U 75

Supports latent PAS archiving feature.

PSA_MICRO_PROC

Typ Nr U 76

Supports latent PAS archival feature.

PSA_PH_P_AST_OPR

Typ Nr U 77

Supports latent PAS archival feature.

PSA_MCRO_PTH_TBL

Typ Nr U 78

Supports latent PAS archival feature.

PSA_FAC_CHEM

Typ Nr U 79

Supports latent PAS archival feature.

PSA_CALI_WGT

Typ Nr U 80

Supports latent PAS archival feature.

PAS_PROTO_REQ_TIS

Typ Nr U 84

View of pathology protocol. Defines the criteria by which tissues are
required to be evaluated. Criteria are evaluation based on treatment

group, removal reason, and removal date range. Can be created by a
liaison and downloaded, or created on the local machine and uploaded.
Used by the P14.

MASTER-ARCH

Typ Nr   A 39

Physical layout of file 39. Supports the PSA_MASTER view.

MASTER

Typ Nr   A 40

Physical layout of file 40. Supports the PAS_MASTER view. This is the
layout by which PASGET selects data for PAS validation reports and
EIS/ PEIS reports.

TREATMENT-EIS

Typ Nr   A 41

Physical layout of file 41. Supports the PAS_TREATMNT_SEG view.
This is the layout by which PASGET selects data for PAS validation
reports and EIS/PEIS reports.

PROCEDURE-EIS

Typ Nr   A 42

Physical layout of file 42. Supports the PAS_PROCEDUR_SEG view.
This is the layout by which PASGET selects data for PAS validation
reports and EIS/PEIS reports.

PREPARATION-EIS

Typ Nr   A 43

Physical layout of file 43. Supports the PAS_PREPARTN_SEG view.
This is the layout by which PASGET selects data for PAS validation
reports and EIS/PEIS reports.

CAGECENSUSEIS

Typ Nr   A 44

Physical layout of file 44. Supports the PAS_CENSUS view. This is the
layout by which PASGET selects data for PAS validation reports .

RESP-PARTY-EIS

Typ Nr   A 45

Physical layout of file 45. Supports the PAS_RESP_PARTIES view.
This is the layout by which PASGET selects data for PAS validation
reports.

WEIGHT-ITEM-EIS

Typ Nr   A 46

Physical layout of file 46. Supports the PAS_WGT_ITEMS view. This is the layout by which PASGET selects data for PAS validation reports.

LOAD-WEIGHT-EIS

Typ Nr   A 47

Physical layout of file 47. Supports the PAS_LOAD_WT view. This is the layout by which PASGET selects data for PAS validation reports.

CLIN-OBSERV-EIS

Typ Nr   A 48

Physical layout of file 48. Supports the PAS_CLINICAL_OBS view. This is the layout by which PASGET selects data for PAS validation reports.

ANIMAL-ID-EIS

Typ Nr   A 49

Physical layout of file 49. Support the PAS_ANIMAL_ID view. This is the layout used by which PASGET issues direct calls for PAS validation reports.

REMOVAL-ACTION-EIS

Typ Nr   A 50

Physical layout of file 50. Supports the PAS_REMVL_ACTION view. PASGET uses this layout to issue direct calls for PAS validation reports.

RACK-CAGE-EIS

Typ Nr   A 51

Physical layout of file 51. Supports the PAS_RACK_CAGE view. PASGET uses this layout to issue direct calls for PAS validation reports.

ORGANS-PEIS

Typ Nr   A 52

Physical layout of file 52. Supports the PAS_ORGANS view. PASGET uses this layout to issue direct calls for PAS validation reports.

MORPHOLOGIES-PEIS

Typ Nr   A 53

Physical layout of file 53. Supports the PAS_MORPHOLOGIES view. PASGET uses this layout to issue direct calls for PAS validation reports.

SITES-PEIS

Typ Nr   A 54

Physical layout of file 54. Supports the PAS_SITES view. PASGET uses this layout to issue direct calls for PAS validation reports.

ACCT-SITES-PEIS

Typ Nr   A 55

Physical layout of file 55. Support the PAS_ACCT_SITE view. PASGET uses this layout to issue direct calls for EIS/PEIS reports.

MICRO-PROC-PEIS

Typ Nr   A 56

Physical layout of file 56. Support the PAS_MICRO_PROC view. No TDMS software uses this layout to issue direct calls.

PTH-AST-OPR-PEIS

Typ Nr   A 57

Physical layout of file 57. Support the PAS_PH_P_AST_OPR view. PASGET uses this layout to issue direct calls for PAS validation reports.

MICRO-TABLE-PEIS

Typ Nr   A 58

Physical layout of file 58. Support the PAS_MCRO_PTH_TBL view. PASGET uses this layout to issue direct calls for PAS validation reports.

FACILITY-CHEMICAL-EIS

Typ Nr   A 59

Physical layout of file 59. Support the PAS_FAC_CHEM view. PASGET uses this layout to issue direct calls for PAS validation and EIS/PEIS reports.

CALIB-WGTS-EIS

Typ Nr   A 60

Physical layout of file 60. Support the PAS_CALI_WGT view. PASGET uses this layout to issue direct calls for PAS validation reports.

TREATMENT-ARCH

Typ Nr   A 61

Physical layout of file 61. Supports the PSA_TREATMNT_SEG view.

PROCEDURE-ARCH
Typ Nr   A 62

Physical layout of file 62. Supports the PSA_PROCEDUR_SEG view.

PREPARATION-ARCH
Typ Nr   A 63

Physical layout of file 63. Supports the PSA_PREPARTN_SEG view.

CAGE-CENSUS-ARCH
Typ Nr   A 64

Physical layout of file 64. Supports the PSA_CENSUS view.

RESP-PARTY-ARCH
Typ Nr   A 65

Physical layout of file 65. Supports the PAS_RESP_PARTIES view.

WEIGHT-ITEM-ARCH
Typ Nr   A 66

Physical layout of file 66.Supports the PSA_WGT_ITEMS view.

LOAD-WEIGHT-ARCH
Typ Nr   A 67

Physical layout of file 67.Supports the PSA_LOAD_WT view.

CLIN-OBSERV-ARCH
Typ Nr   A 68

Physical layout of file 68. Supports the PSA_CLINICAL_OBS view.

ANIMAL-ID-ARCH
Typ Nr   A 69

Physical layout of file 69. Support the PSA_ANIMAL_ID view.

REMOVAL-ACTION-ARCH
Typ Nr   A 70

Physical layout of file 70. Supports the PSA_REMVL_ACTION view.

RACK-CAGE-ARCH
Typ Nr   A 71

Physical layout of file 71. Supports the PSA_RACK_CAGE view.

ORGANS-ARCH
Typ Nr   A 72

Physical layout of file 72. Supports the PSA_ORGANS view.

MORPHOLOGIES-ARCH
Typ Nr   A 73

Physical layout of file 73. Supports the PSA_MORPHOLOGIES view.

SITES-ARCH
Typ Nr   A 74

Physical layout of file 74. Supports the PSA_SITES view.

ACCT-SITES-ARCH
Typ Nr   A 75

Physical layout of file 75. Support the PSA_ACCT_SITE view.

MICRO-PROC-ARCH
Typ Nr   A 76

Physical layout of file 76. Support the PSA_MICRO_PROC view.

PTH-AST-OPR-ARCH
Typ Nr   A 77

Physical layout of file 77. Support the PSA_PH_P_AST_OPR view.

MICRO-TABLE-ARCH
Typ Nr   A 78

Physical layout of file 78. Support the PSA_MCRO_PTH_TBL view.

FACILITY-CHEMICAL-ARCH
Typ Nr   A 79

Physical layout of file 79. Support the PSA_FAC_CHEM view.

CALIB-WGTS-ARCH
Typ Nr   A 80

Physical layout of file 80. Support the PSA_CALI_WGT view.

PROTO-REQ-TISS-PEIS
Typ Nr   A 84

Physical layout of file 84. Support the PAS_PROTO_REQ_TIS view.
No direct calls are issued based on this layout.

3.4 Receive Transaction

ANY-ANIMAL-TRANSACTION

Typ Nr   U 86

Logical layout for animal allocation transactions. Loaded by RECEIVE
and ECS. Processed by Update to add, modify, or delete records
to/from the TD-ANIMAL file. For corrections, Update also uses the
information to add records to the ANY-ANIMAL-CORRECTION file.

ANIMAL-TRANSFER-TRANSACTION

Typ Nr   U 86

Logical layout for animal transfer transactions. Loaded by RECEIVE
and ECS. Processed by Update to modify records in the TD-ANIMAL
file. For corrections, Update also uses the information to add records to
the ANY-ANIMAL-CORRECTION file.

ANIMAL-REMOVAL-TRANSACTION

Typ Nr   U 86

Logical layout of animal removal transactions. Loaded by RECEIVE
and ECS. Used by Up-date to modify records in TD-ANIMAL. For
corrections, the information is also used by Update to add records to
ANIMAL-REMOVAL-CORRECTION.

CAGE-ID-TRANSACTION

Typ Nr   U 86

Logical layout for cage initialization transactions. Loaded by ECS and
RECEIVE. Used by Update to create or modify data in TD-CAGE, and
TD-TEST. For corrections, also used to add records to CAGE-ID-
CORRECTION.

ANIMAL-OBSERVATION-TRANSACTION

Typ Nr   U 86

Logical layout of animal observation transactions. Loaded by RECEIVE
and ECS. Read by Update to add, modify, and delete records in the TD-
ANIMAL-DATA file. For corrections, Update also uses the information
to add records to ANIMAL-OBSERVATION-CORRECTION.

ANIMAL-WEIGHT-TRANSACTION

Typ Nr   U 86

Logical layout of animal weight transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-ANIMAL-DATA file. For corrections, Update also uses the information to add records to the ANIMAL-WEIGHT-CORRECTION file.

ANIMAL-NOTE-TRANSACTION

Typ Nr   U 86

Logical layout of animal note transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, or delete re-cords to the TD-ANIMAL-DATA file. For corrections, Update also uses the information to add records to ANIMAL-NOTE-CORRECTION.

FEEDER-WEIGHT-TRANSACTION

Typ Nr   U 86

Logical layout of feeder weight transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records from the TD-CAGE-DATA file. For corrections, information used to add records to FEEDER-WEIGHT-COR-RECTION.

BOTTLE-WEIGHT-TRANSACTION

Typ Nr   U 86

Logical layout of bottle weight transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-CAGE-DATA table. For corrections, the information is also used to create records for BOTTLE-WEIGHT-CORRECTION.

CAGE-NOTE-TRANSACTION

Typ Nr   U 86

Logical layout of cage note transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-CAGE-DATA file. For corrections, the information is also used to add records to the CAGE-NOTE-TRANSACTION table.

BALANCE-CALIBRATION-TRANSACTION

Typ Nr   U 86

Logical layout of balance calibration transactions. Loaded by RECEIVE. Read by Update to add records to the TD-BALANCE-CALIBRATION file.

TEST-NOTE-TRANSACTION

Typ Nr   U 86

Logical layout of test note transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-TEST-NOTE file.   For corrections, the information is used to add records to TEST-NOTE-CORRECTION.

TREAT-NOTE-TRANSACTION

Typ Nr   U 86

Logical layout of treatment group note transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-TREAT-NOTE file. For corrections, the information is used to add records to TREAT-NOTE-CORRECTION.

HISTOLOGY-NUMBER-TRANSACTION

Typ Nr   U 86

Logical layout of histology number transactions. Loaded by RECEIVE and ECS. Read by Update to modify records in the TD-ANIMAL file. For corrections, also used to add records to HISTOLOGY-NUMBER CORRECTION.

ANY-MICRO-ORGAN-TRANSACTION

Typ Nr   U 86

Logical layout of organ (tissue) status transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-ORGAN file. For corrections, used to add records to ANY-MICRO-ORGAN-CORRECTION.

ANY-MICRO-OBS-TRANSACTION

Typ Nr   U 86

Logical layout of microscopic observation transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-ORGAN-DATA file. For corrections, also used to add records to ANY-MICRO-OBS-CORRECTION.

ORGAN-NOTES-TRANSACTION

Typ Nr   U 86

Logical Layout Of Organ Notes transactions. Loaded by RE CEIVE and ECS. Read by Update to add, modify, and delete re cords in the TD-ORGAN-DATA file. If transactions are audit changes, then Update also uses the information to add records to ORGAN-NOTES CORRECTION.

MICRO-SITE-STATUS-TRANSACTION

Typ Nr   U 86

Logical layout for site status transactions. Site status data was a feature of the MODCOMP data collection that was made defunct by LDAS. There is an ECS module that will add records to this table, but it is incorrect procedure to use that module. Correct procedure calls for a test to be converted to LDAS format prior to modification.

ANIMAL-MICRO-NOTES-TRANSACTION

Typ Nr   U 86

Logical layout of pathology animal notes transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD- MICRO-ANIMAL-NOTE file. If transactions are corrections or audit changes, then Update uses the information to add records to the ANIMAL-MICRO-NOTES-CORRECTION file.

NOT-EXAMINED-TRANSACTION

Typ Nr   U 86

Logical layout of "not examined" transactions. Loaded by RECEIVE and ECS. Read by Update to modify records in the TD-ANIMAL file. If a correction, information also used to add records to NOT-EXAM-INED-CORRECTION.

UNCERTAIN-TRANSACTION

Typ Nr   U 86

Logical layout for uncertain cause of death transactions. Loaded by RECEIVE and ECS. Read by Update to modify re- cords in the TD-ANIMAL file. For correction, information is used to add records to UNCERTAIN-CORRECTION.

DATABASE-TRANSACTION

Typ Nr   A 86

Physical/Logical Layout Of Transaction Super Table, Which embraces 21 user views. Each view corresponds to one of the transaction types that UPDATE will process. This file is updated by both RECEIVE and ECS. The file design is not programmer friendly as it maintains the older VSAM file structure.

3.5 Audit History

ANIMAL-MICRO-NOTES-CORRECTION

Typ Nr   U 87

Logical view of pathology animal note audit changes. The master file is
TD-MICRO-ANIMAL-NOTES. Data from this view is not retrieved by
any current TDMS component.

ANIMAL-NOTE-CORRECTION

Typ Nr   U 87

Logical view of animal note corrections. Master file is TD-ANIMAL-
DATA. View is used by EIS Report 22.

ANIMAL-OBSERVATION-CORRECTION

Typ Nr   U 87

Logical view of animal observation corrections. Master file is TD-
ANIMAL-DATA. Used by EIS Report 22.

ANIMAL-WEIGHT-CORRECTION

Typ Nr   U 87

Logical layout of animal weight corrections. Master file is TD-
ANIMAL-DATA. Used by EIS Report 22.

ANIMAL-REMOVAL-CORRECTION

Typ Nr   U 87

Logical view of animal removal corrections. Master file is TD-ANIMAL.
Used by EIS Report 22.

ANIMAL-TRANSFER-CORRECTION

Typ Nr   U 87

Logical view of animal transfer corrections. Master table is TD-
ANIMAL. Used by EIS Report 22.

ANY-ANIMAL-CORRECTION

Typ Nr   U 87

Logical view of animal allocation corrections. Master table is TD-
ANIMAL. Used by EIS Report 22.

CAGE-ID-CORRECTION

Typ Nr   U 87

Logical view of cage ID corrections. Master table is TD-CAGE. Used
by EIS Report 22.

FEEDER-WEIGHT-CORRECTION

Typ Nr   U 87

Logical view of feeder weight corrections. Master file is TD-CAGE-DATA. Used by EIS Report 22.

BOTTLE-WEIGHT-CORRECTION
Typ Nr   U 87

Logical view of bottle weight corrections. Master table is TD-CAGE-DATA. Used by EIS Report 22.

CAGE-NOTE-CORRECTION
Typ Nr   U 87

Logical view of cage note corrections. Master file is TD-CAGE-DATA. Used by EIS Report 22.

TEST-NOTE-CORRECTION
Typ Nr   U 87

Logical view for test note corrections. Master file is TD-TESTNOTE. Used by EIS Report 22.

TREAT-NOTE-CORRECTION
Typ Nr   U 87

Logical view of treatment note corrections. Master file is TD-TREATMENTNOTE. Used by EIS Report 22.

HISTOLOGY-NUMBER-CORRECTION
Typ Nr   U 87

Logical view of histology number audit changes. Master file is TD-ANIMAL. Not used for retrieval by any TDMS component.

ANY-MICRO-ORGAN-CORRECTION
Typ Nr   U 87

Logical view for tissue status observation audit changes. Master file is TD-ORGAN. Not used for retrieval by any TDMS component.

ANY-MICRO-OBS-CORRECTION
Typ Nr   U 87

Logical view of pathology microscopic observation audit changes. Master file is TD-ORGAN-DATA. Not referenced by any TDMS retrieval component.

ORGAN-NOTES-CORRECTION
Typ Nr   U 87

Logical view of organ note audit changes. Master file is TD-ORGAN-DATA. Not used for retrieval by any TDMS component.

MICRO-SITE-STATUS-CORRECTION

Typ Nr   U 87

Logical view of accountable site status observation corrections. Master file is TD-ORGAN. Not used for retrieval by any TDMS component.

NOT-EXAMINED-CORRECTION

Typ Nr   U 87

Logical view of not examined audit changes. Master file is TD-ANIMAL. Not used for retrieval by any TDMS component.

UNCERTAIN-CORRECTION

Typ Nr   U 87

Logical view of uncertain cause of death audit changes. Master table is TD-ANIMAL. Not used for retrieval by any TDMS component.

CORRECTION-DATA

Typ Nr   A 87

This is the physical layout of correction data. The physical file supports the views for each of the 20 correction segments. In-life correction segments are reported in EIS report 22; pathology correction segments are not reported at all. File contains only correction data since the introduction of LDAS. Prior correction data is found in TD-CORRECTION-REASON.

3.6 EIS/ PEIS

TD-TREATMENT

Typ Nr   U 100

View of pre LDAS protocol required tissues. Only used by the P14 for those tests that were not converted to LDAS. Replaced by the PAS protocol required tissues segment.

TD-OTHER-TERMS

Typ Nr   U 101

Contains pathology terms assigned by the lab during collection using MODCOMP collection system. No longer used.

TD-BALANCE-CALIBRATION

Typ Nr   U 102

View of balance calibration data. Although this file is updated daily, no data in it is retrieved by any TDMS software.

TD-ANIMAL

Typ Nr   U 103

View embracing animal allocation, animal transfer, animal removal, histology number, "not examined", and uncertain cause of death segments. These segments are unique observations of animals.

TD-BALANCE

Typ Nr   U 104

View Of Balance Information. Some reports access this view.

TD-CAGE

Typ Nr   U 105

View embracing the cage segment and the defunct "cage aborted" segment.

TD-ANIMAL-DATA

Typ Nr   U 106

View embracing animal weight, animal observation, and in-life animal note segments.

TD-CAGE-DATA

Typ Nr   U 107

View embracing feeder weight, bottle weight, cage note, feed consumption, water consumption, cage observation, and misidentified animals. (The last four are inactive.)

TD-ORGAN-DATA

Typ Nr   U 108

View of microscopic observation, organ note, and organ stain segments, the last of which is inactive.

TD-CORRECTION-REASON

Typ Nr   U 109

File contains MODCOMP corrections. In-life information is reported in E13; pathology information is not reported. Since LDAS' introduction, no new records are added to this file.

TD-MICRO-ANIMAL-NOTE

Typ Nr   U 110

File contains pathology animal notes. Only used in P14.

TD-ORGAN

Typ Nr   Typ Nr   U 111

View of organ (tissue) status and accountable site status segments. (The last only applies to data not converted for LDAS.)

TD-TEST

Typ Nr   U 112

View of test information.

TD-TRANSACTION

Typ Nr   U 113

Formerly used by MODCOMP ECS and UPDATE, but no longer used.

TD-TEST-NOTE

Typ Nr   U 114

View of test notes. Used by E10 only.

TD-TREATMENT-NOTE

Typ Nr   U 114

View of treatment notes. Used by E10 only.

TREATMENT-PEIS

Typ Nr   A 100

Physical layout of file 100. Supports TD-TREATMENT view. No current TDMS software accesses this file using direct calls.

OTHER-TERMS-PEIS

Typ Nr   A 101

Supports TD-OTHER-TERMS view, which is no longer used.

BALANCE-CALIBRATION-EIS

Typ Nr   A 102

Physical layout of file 102. Supports the TD-BALANCE-CALIBRATION view. No current TDMS software accesses this file using direct calls.

ANIMAL-EIS

Typ Nr   A 103

Physical layout of file 103. Supports the TD-ANIMAL view. No current TDMS software accesses this file using direct calls.

BALANCE

Typ Nr   A 104

Physical layout of file 104. Supports the TD-BALANCE view. No current TDMS software accesses this file using direct calls.

CAGE-EIS

Typ Nr   A 105

Physical layout of file 105. Supports the TD-CAGE view. No current TDMS software accesses this file using direct calls.

ANIMAL-DATA-EIS

Typ Nr   A 106

Physical layout of file 106. Supports the TD-ANIMAL-DATA view. No TDMS software accesses this file using direct calls.

CAGE-DATA-EIS

Typ Nr   A 107

Physical layout for file 107. Supports the TD-CAGE-DATA view. No current TDMS software accesses this file using direct calls.

ORGAN-DATA-PEIS

Typ Nr   A 108

Physical layout of file 108. Supports the TD-ORGAN-DATA view. No current TDMS software accesses this file using direct calls.

MODCOMP-CORRECTION-DATA

Typ Nr   A 109

Physical layout of file 109. Supports the TD-CORRECTION-REASON view. No TDMS software accesses this file using direct calls.

ANIMAL-NOTE-PEIS

Typ Nr   A 110

Physical layout of file 110. Supports TDMICROANIMALNOTE view. No current TDMS software accesses this file using direct calls.

ORGAN-PEIS

Typ Nr   A 111

Physical layout of file 111. Supports the TD-ORGAN view. No TDMS software accesses this file using direct calls.

TEST

Typ Nr   A 112

Physical layout for file 112. Supports the TD-TEST view. No TDMS software accesses this file using direct calls.

MODCOMP-TRANSACTION

Typ Nr   A 113

Supports TD-TRANSACTION view, which is no longer used.

TD-NOTES

Typ Nr   A 114

Physical layout of file 114. Supports TD-TESTNOTE and TD-TREATMENTNOTE views. No TDMS software accesses this file using direct calls.

4.0 Field Descriptions

This chapter describes each of the fields of TDMS. There are approximately 1,355 fields. For a definition of abbreviations used in this chapter, refer to the legend in *Appendix A-2*.

4.1 Protocol Analysis System Views

PAS_ACCT_SITE

View of pathology accountable-site protocol. Accountable sites pertain only to tests whose pathology data was collected exclusively on the old, MODCOMP-based, collection system. They are sites on tissue that the collectors were obligated to evaluate as if they were organs. (LDAS elevates the tissue-sites to the level of tissue.) This view is not used by the current version of the download component.

```
FILE...: PAS_ACCT_SITE
TYPE...: USER VIEW
FILE-NR: 55
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F   LENG S DE
- - --  -- - - --
  1 TC DATA-BASE-KEY             A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE                 A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                 A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER      N   5.0 N
     The facility with which the
     entry operator is associated.
     Foreign key to TBFACLTY.
  1 TH OPERATOR-ID               N   5.0 N
     The entry or modification
     operator.  When appended to
     DATA-FACILITY-NUMBER, a for-
     eign key to TB_OPERATOR_ID.
```

```
FILE...: PAS_ACCT_SITE
TYPE...: USER VIEW
FILE-NR: 55
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                        F   LENG S DE

  1 TL ORG-OR-COR                  A   1.0 F
        Flag relating to a latent PEX/
        DOWNLOAD feature.  Always set
        to "O".
  1 TM REASON                      A   78.0 N
        Text relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TN COR-DATE                    A   8.0 N
        Date relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TO COR-TIME                    A   6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 BB ORGAN-CODE                  N   5.0
        The organ to which the ac-
        countable sites pertain.  For-
        eign key to TBPCT.
  1 CC SITE-GRP-CT                 N   4.0 N
        The number of entries in the
        multiple-entry field SITE-
        CODE.  Should be equal to
        C*SITE-CODE.
M 1 DD SITE-CODE                   N   5.0 N
        The tissue-sites being desig-
        nated as accountable.  Foreign
        key to TBPCT.
T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 SD SUPER-KEY                   A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                  1      9
        ORGAN-CODE                     1      2
        Used to perform discrete sel-
        ections based on DATA-BASE-
        AGENCY and ORGAN-CODE.  To
        build the search value, ORGAN-
        CODE must be converted to a 2-
        byte binary, and the appended
```

FILE...: PAS_ACCT_SITE
TYPE...: USER VIEW
FILE-NR: 55
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                               F   LENG S DE


       to DATA-BASE-KEY.  Primary
       key for the table.
```

FILE...: PAS_ACCT_SITE
TYPE...: USER VIEW
FILE-NR:

PAS_ANIMAL_ID

> View of in-life, animal identification protocol. File is not used since implementation of LDAS. There is still the option to maintain the file in PEX, and validation reports process it, but, otherwise, the system does not reference it. However, the value of CID-FLAG does indicate which of the two methods of constucting TDA-CARCASS-IDENTIFICATION-DE values in TD-ANIMAL was used on the test.

```
FILE...: PAS_ANIMAL_ID
TYPE...: USER VIEW
FILE-NR: 49
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                        F   LENG S DE
- - --  -- - - --

  1 TC DATA-BASE-KEY               A   9.0   DE
       Composite field whose elements
       are the 2-digit agency number,
       which is always "05", and the
       7-digit experiment-test num-
       ber.  Foreign key to PAS_MAS-
       TER.
  1 TE DATA-DATE                   A   8.0 N
       The date, in TDMS TOX format,
       on which the record was added,
       or last modified.  (The TOX
       date is in the last 5 digits.)
  1 TF DATA-TIME                   A   6.0 N
       The time, in TDMS TOX format,
       at which the record was added,
       or last modified.  (The TOX
       time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER        N   5.0 N
       The facility with which the
       entry operator is associated.
       Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                 N   5.0 N
       The entry or modification
       operator.  When appended to
       DATA-FACILITY-NUMBER, a for-
       eign key to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                  A   1.0 F
       Flag relating to a latent PEX/
       DOWNLOAD feature.  Always set
       to "O".
```

FILE...: PAS_ANIMAL_ID
TYPE...: USER VIEW
FILE-NR: 49
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                      F   LENG S DE

  1 TM REASON                    A   78.0 N
       Text relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TN COR-DATE                  A    8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                  A    6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB ID-FLAG                   A    1.0 F
       Flag indicating the method of
       identifying an animal for in-
       life data collection.  Always
       "A", for animal number.
  1 CC CID-FLAG                  A    1.0 F
       Flag indicating the method of
       identifying an animal for
       pathology data collection,
       (carcass ID).  C indicates
       that CIDs were assigned based
       on the 4-digit cage number,
       and a 1-digit sequential iden-
       tifier within the cage; E in-
       dicates that the animal num-
       ber was used.  C was not used
       after the fall of 1986.
T L DB NAME                      F   LENG S DE
- - -- -- - - --
  1 DD ID-CT                     N    2.0 N
       Number of entries used in the
       ANY-ID-INFO.  Same value as
       C*ANY-ID-INFO.  Since ANY-ID-
       INFO was not used in TDMS,
       this value is always 0.
P 1 EE ANY-ID-INFO
       Repeating group contain animal
       identification information.
       Never used in TDMS.
```

FILE...: PAS_ANIMAL_ID
TYPE...: USER VIEW
FILE-NR: 49
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE

  2 FF ANIMAL-ID                   A    1.0 F
       ID indicating the alphabetic
       characters used to different-
       iate among animals in a cage.
       Never used in TDMS.
  2 GG DESCRIPTION                 A   16.0 N
       Description of each ID.  Never
       used in TDMS.
```

PAS_CALI_WGT

> View of in-life, calibration protocol. It specifies the rules for calibrations of balances used for weight data collection. It is processed by the current version of download. It is always entered for tests on which weights are to be collected.

```
FILE...: PAS_CALI_WGT
TYPE...: USER VIEW
FILE-NR: 60
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                         F   LENG S DE
- - --  -- - - --
  1 TC DATA-BASE-KEY                A   9.0   DE
       Composite field whose elements
       are the 2-digit agency number,
       which is always "05", and the
       7-digit experiment-test num-
       ber.
  1 TE DATA-DATE                    A   8.0 N
       The date, in TDMS TOX format,
       on which the record was added,
       or last modified.  (The TOX
       date is in the last 5 digits.)
  1 TF DATA-TIME                    A   6.0 N
       The time, in TDMS TOX format,
       at which the record was added,
       or last modified.  (The TOX
       time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER         N   5.0 N
       The ID number of the facility
       to which the entering operator
       is associated.  Historically,
       has always been 20 for NIEHS.
  1 TH OPERATOR-ID                  N   5.0 N
       ID of operator who entered, or
       last modified, the record.
       (By procedure, the ID should
       always belong to a liaison.)
  1 TL ORG-OR-COR                   A   1.0 F
       Flag relating to a latent PEX/
       DOWNLOAD feature.  Always set
       to "O".
```

FILE...: PAS_CALI_WGT
TYPE...: USER VIEW
FILE-NR: 60
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                          F   LENG S DE

  1 TM REASON                        A   78.0 N
     Text relating to a latent PEX/
     DOWNLOAD feature.  No values
     assigned.
  1 TN COR-DATE                      A    8.0 N
     Date relating to a latent PEX/
     DOWNLOAD feature.  No values
     assigned.
  1 TO COR-TIME                      A    6.0 N
     Time relating to a latent PEX/
     DOWNLOAD feature.  No values
     assigned.
  1 BB NO-OF-WEIGHINGS               N    4.0 N
     Number of weighings that may
     be taken in a data collection
     session before recalibration
     is required.  (Calibration is
     always required at the be-
     ginning of a data collection
     session.)  Loaded by LDAS into
     the CALI_NUM field on the TEST
     table.
  1 CC CALIBRATION-CT                N    4.0 N
     Number of entries in the CALI-
     BRATION-WT repeating group.
     Should be equal to C*CALIBRA-
     TION-WT.
P 1 DD CALIBRATION-WT
     Repeating group that describes
     each weight to be used for
     balance calibration.
T L DB NAME                          F   LENG S DE
- - -- -- - - --
  2 EE CAL-WT-DES                    A   32.0 N
     Free text describing calibra-
     weight, and used by LDAS
     as a prompt.  Generally, is
     the weight expressed in grams.
     Loaded by LDAS into the
     WEIGHT_TEXT field on the
     CALI_WGT table.
```

Data Dictionary: TDMS   **45**   **TS-1005-2.2**

FILE...: PAS_CALI_WGT
TYPE...: USER VIEW
FILE-NR: 60
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                        F    LENG S DE

  2 FF MAX-WT                       N    8.0 N
        Weight, in decigrams, that is
        the maximum acceptable value
        for the associated weight.
        Loaded by LDAS into the MAX_-
        WEIGHT field on the CALI_WGT
        table.
  2 GG MIN-WT                       N    8.0 N
        Weight, in decigrams, that is
        the minimum acceptable value
        for the associated weight.
        Loaded by LDAS into the MIN_-
        WEIGHT field on the CALI_WGT
        table.
```

PAS_CENSUS

View of in-life, cage census protocol. Used to describe the cages on the
test, including weight, treatment, and procedure groups, and number of
animals to be allocated. Used by DOWNLOAD to construct what will be
the LDAS CAGE table.

```
FILE...: PAS_CENSUS
TYPE...: USER VIEW
FILE-NR: 44
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                       F   LENG S DE
- - --  -- - - --
  1 TC DATA-BASE-KEY              A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE                  A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                  A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER       N   5.0 F
     The ID number of the facility
     to which the entering operator
     is associated.  Historically,
     has always been 20 for NIEHS.
     Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                N   5.0 F
     ID of operator who entered, or
     last modified, the record.
     (By procedure, the ID should
     always belong to a liaison.)
     When appended to DATA-
     FACILITY-NUMBER, a foreign key
     to TB_OPERATOR_ID.
```

FILE...: PAS_CENSUS
TYPE...: USER VIEW
FILE-NR: 44
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                        F   LENG S DE

  1 TL ORG-OR-COR                  A    1.0 F
       Flag relating to a latent PEX/
       DOWNLOAD feature.  Always set
       to "O".
  1 TM REASON                      A   78.0 N
       Text relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TN COR-DATE                    A    8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                    A    6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB STARTING-CAGE               N    4.0 F
       The starting cage number for
       the range of cages being description-
       cribed in the record.
  1 CC ENDING-CAGE                 N    4.0 F
       The ending cage number for
       the range of cages being description-
       cribed in the record.
  1 DD TREATMENT-ID                A    3.0 N
       The ID of the treatment group
       to which the cage range be-
       longs.  Loaded by LDAS into
       the TREAT_NUM field on the
       CAGE table.  When appended to
       DATA-BASE-KEY, a foreign key
       to PAS_TREATMNT_SEG.
  1 EE PROCEDURE-ID                A    3.0 N
       The procedure group to which
       the cages in the range belong.
       Loaded by LDAS into the PROC_-
       NUM field in the CAGE table.
       When appended to DATA-BASE-KEY
       a foreign key to PAS_PROCEDUR-
       _SEG.
```

FILE...: PAS_CENSUS
TYPE...: USER VIEW
FILE-NR: 44
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                           F   LENG S DE

  1 FF WGT-ITEM                       N    3.0 N
        The weight group to which the
        cages in the range belong.
        Loaded by LDAS into the
        WEIGHT_GROUP field in the
        TREATMENT table.  (MODCOMP
        supported multiple weight
        groups per treatment group;
  1 FF WGT-ITEM                       N    3.0 N
        LDAS does not.)  When appended
        to DATA-BASE-KEY, a foreign
        key to PAS_WGT_ITEMS.
  1 GG RELATIVE-START                 N    4.0 F
        The date, relative to the cage
        start date, on which dosing in
        the cage is initated.  Over-
        ridden in TDMS by the first
        value of REL-START in the re-
        lated PAS_TREATMNT_SEG record.
P 1 HH ANY-ANIMAL-IDS
        Defined as a repeating group,
        but TDMS, by procedure, has
        only one entry per record.
  2 II SSSC-ID                        N    3.0 F
        ID of the Strain/Substrain/
        Sex/Class group to which the
        cages in the range belong.
        When appended to DATA-BASE-
        KEY, a foreign key to PAS_-
        LOAD_WT.
  2 JJ NO-ANIMALS                     N    2.0 N
        The number of animals that are
        to be allocated to cages with-
        in the cage ranges.  Loaded by
        LDAS into the NUM_ANIMALS
        field on the CAGE table.
  1 SD SUPER-KEY                      A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                    1      9
        STARTING-CAGE                    1      2
```

Data Dictionary: TDMS   **49**   **TS-1005-2.2**

FILE...: PAS_CENSUS
TYPE...: USER VIEW
FILE-NR: 44
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                      F   LENG S DE


      Used in PEX for indexed reads
      based on test number and
      starting cage.  To build a
      search value, STARTING-CAGE
      must be converted to a 2-byte
      binary, and then appended to
      DATA-BASE-KEY.
  1 SL AGENCY-EXP-TEST-ENDING-CAGE    A  11.0   SP
       SOURCE FIELD(S) --- -START- --END-
      DATA-BASE-KEY                    1     9
      ENDING-CAGE                      1     2


      Used by RECEIVE for unique
      record selection.
```

PAS_CLINICAL_OBS

> View of in-life term protocol. Includes the clinical signs, sites, qualifiers, and removal reasons that may be used on the test. (For older MODCOMP tests, it will also include the cage conditons that were used for cage observations.) Processed by Download to generate all in-life term tables.

```
FILE...: PAS_CLINICAL_OBS
TYPE...: USER VIEW
FILE-NR: 48
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                       F   LENG S DE
- - --  -- - - --
  1 TC DATA-BASE-KEY              A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE                  A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                  A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER       N   5.0 N
     Facility with which the entry
     operator is associated.  For-
     eign key to TBFACLTY.
  1 TH OPERATOR-ID                N   5.0 N
     Entry or modification opera-
     tor.  When appended to DATA-
     FACILITY-NUMBER, foreign key
     to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                 A   1.0 F
     Flag relating to a latent PEX/
     DOWNLOAD feature.  Always set
     to "O".
  1 TM REASON                     A   78.0 N
     Text relating to a latent PEX/
```

```
FILE...: PAS_CLINICAL_OBS
TYPE...: USER VIEW
FILE-NR: 48
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F    LENG S DE


       DOWNLOAD feature.  No values
       assigned.
  1 TN COR-DATE                   A    8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                   A    6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB PAS-OBS-CODE-CT            N    3.0
       Number of entries in the ANY-
       OBSERVATION repeating group.
       Should be equal to C*ANY-OB-
       SERVATION.
  1 CC PAS-SELECT-SITE-CT         N    3.0 N
       Number of entries in the mul-
       tiple-entry field, SITE-CODE.
       Should be equal to C*SITE-
       CODE.
  1 DD PAS-SELECT-SIZE-CT         N    3.0 N
       Number of entries in the mul-
       tiple-entry field, SIZE-CODE.
       Should be equal to C*SIZE-
       CODE.
  1 EE PAS-REM-REASON-CT          N    3.0 N
       Number of entries in the mul-
       tiple-entry field, REMOVAL-
       CODE.  Should be equal to
       C*REMOVAL-CODE.
  1 FF PAS-CAGE-COND-CT           N    3.0 N
       Number of entries in the mul-
       tiple-entry field, CAGE-COND-
       CODE.  Should be equal to
       C*CAGE-COND-CODE.
P 1 GG ANY-OBSERVATION
       Repeating group for in-life
       observation codes.
  2 HH OBSERVATION-CODE           N    5.0 N
       Valid clinical signs for animal-
       mal and removal observations.
       Loaded into the CLNOBS_NUM
```

FILE...: PAS_CLINICAL_OBS
TYPE...: USER VIEW
FILE-NR: 48
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                        F   LENG S DE
```

        field in the LDAS tables
        CLNOBS, CLNOBS_QUAL, and CLN-
        OBS-SITE, and into TERM_NUM
        in INLIFE_TERMS. Also used to
        build the CLNOBS_GROUP and
        INLIFE_QUAL tables. Foreign
        key to TBCLOBSC.

```
  2 II SITE-REQ                    A   1.0
```

        Flag indicating whether the
        corresponding observation re-
        quires that a site be assoc-
        iated with it. Possible val-
        ues are R for required, and O
        for optional, but only R is
        currently used. The only
        current clinical signs for
        which this flag is set are 20
        for mass, and 22 for ulcer.
        DOWNLOAD uses this flag to
        build what LDAS will load into
        CLNOBS_SITE table.

```
  2 JJ SIZE-REQ                    A   1.0
```

        Flag indicating whether the
        corresponding observation re-
        quires that a size be assoc-
        iated with it. Possible val-
        ues are R for required, and O
        for optional, but only R is
        currently used. The only cur-
        rent clinical sign for which
        this flag is set is 20 for
        mass. However, it is not used
        by DOWNLOAD.

```
M 1 LL SITE-CODE                   N   5.0
```

        The valid in-life sites which
        may be used for animal and re-
        moval observations. Loaded
        by LDAS into SITE_NUM in the
        INLIFE_SITE table, and for
        each clinical site for which
        the SITE-REQ flag is set, in-
        to SITE_NUM in the CLNOBS_-

FILE...: PAS_CLINICAL_OBS
TYPE...: USER VIEW
FILE-NR: 48
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                      F   LENG S DE


      SITE table.  Foreign key to
      TBCLOBSC.
M 1 MM SIZE-CODE                 N    5.0
      The valid size codes that may
      be used for animal and removal
      observations.  Loaded by LDAS
      into the QUAL_NUM field of the
      INLIFE_QUAL table.  Foreign
      key to TBCLOBSC.
M 1 NN REMOVAL-CODE              N    5.0
      Valid removal reasons that may
      be used to define an animal
      removal.  Loaded by LDAS into
      the REASON_CODE field of the
      REMVL_REASON table.  Foreign
      key to TBCLOBSC.
M 1 OO CAGE-COND-CODE            N    5.0
      Valid cage condition codes.
      Only used for older MODCOMP
      tests.  Foreign key to
      TBCONDTC.
```

PAS_FAC_CHEM

Basic information about the test, including the test compound and
facility. Used throughout the system. Equivalent to the TEST table on
LDAS.

```
FILE...: PAS_FAC_CHEM
TYPE...: USER VIEW
FILE-NR: 59
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                         F   LENG S DE
- - --  -- - - --
  1 TC DATA-BASE-KEY                 A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.
  1 TE DATA-DATE                     A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                     A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER          N   5.0 N
     The ID number of the facility
     to which the entering operator
     is associated.  Historically,
     has always been 20 for NIEHS.
  1 TH OPERATOR-ID                   N   5.0 N
     ID of operator who entered, or
     last modified, the record.
     (By procedure, the ID should
     always belong to a liaison.)
  1 TL ORG-OR-COR                    A   1.0 F
     Flag relating to a latent PEX/
     DOWNLOAD feature.  Always set
     to "O".
  1 TM REASON                        A  78.0 N
     Text relating to a latent PEX/
     DOWNLOAD feature.  No values
     assigned.
  1 TN COR-DATE                      A   8.0 N
```

```
FILE...: PAS_FAC_CHEM
TYPE...: USER VIEW
FILE-NR: 59
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                         F   LENG S DE

        Date relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TO COR-TIME                     A    6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 BB TEST-TYPE                     N    2.0 N DE
        Code for the test type by
        which the test has been class-
        ified.  Loaded by LDAS into
        TYPE_NUM on the TEST table.
  1 CC DOSE-RT                       N    2.0 N
        Code for the dose route as-
        signed to the test.  Used by
        DOWNLOAD to retrieve the as-
        sociated dose route text.
  1 DD FACILITY-ID                   N    5.0 N DE
        The ID for the facility con-
        ducting the text.  Loaded by
        LDAS into the FACLTY_NUM field
        on the TEST table.
  1 EE FACILITY-NAME                 A   54.0 N
        Free text describing the
        facility.  Should correspond
        to the LONG-TEXT value in
        TBFACLTY.  Loaded by LDAS into
        the FACILITY field in the TEST
        table.
  1 FF PRIN-INV                      A   32.0 N
        The name of the principal in-
        vestigator entered as free
        text.  Not used by DOWNLOAD.
  1 GG CONTRACT-1                    A   12.0 N
        The number of the contract
        under which the test is fund-
        ed.  Loaded by LDAS into the
        CONTRACT_NUM field on the TEST
        table.
```

FILE...: PAS_FAC_CHEM
TYPE...: USER VIEW
FILE-NR: 59
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                        F   LENG S DE

  1 HH CONTRACT-2                   A   12.0 N
       Secondary contract number.
       Not used in TDMS.
M 1 II HAZARD-TXT                   A   64.0 N
       Free text narrative concerning
       safety issues relative to ex-
       posure to the test chemicals.
       Up to 400 characters are load-
       ed by LDAS into the HAZARD_-
       TEXT field on the TEST table.
  1 JJ TEST-COMPOUND-CT             N    3.0 N
       The number of compounds description-
       cribed in the ANY-TEST-COM-
       POUND repeating group.  Should
       be equal to C*ANY-TEST-COM-
       POUND.
P 1 KK ANY-TEST-COMPOUND
       Repeating group containing
       descriptions of each of the
       chemicals being tested.
  2 LL NTP                          A    6.0 N
       The NTP chemical number.  Also
       referred to as C number.  The
       first one in the repeating
       group appears on the header or
       splash page for all in-life
       reports, and some pathology
       reports.
  2 MM CAS                          A   12.0 N
       The Chemical Abstract Services
       (CAS) number for the test com-
       pound.  The first one in the
       repeating group appears on the
       header or splash page for all
       in-life and pathology reports.
  2 NN COMPOUND                     A   54.0 N DE
       Name of compound entered as
       free text.  First one in the
       repeating group appears on in-
       life and pathology report
       headers and splash pages.
```

FILE...: PAS_FAC_CHEM
TYPE...: USER VIEW
FILE-NR: 59
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                          F    LENG S DE

  1 OO LOCK-DATE                     P    5.0 N
       The date when the test is sub-
       mitted to NTP.  Stored in TDMS
       TOX format.  Loaded by LDAS
       into the LOCK_DATE field in
       the TEST table.
  1 PP LOCK-ENTRY-DATE               P    5.0 N
       The system date when the lock
       date is set, in TDMS TOX for-
       mat.  Processed by DOWNLOAD,
       but not used by LDAS.
  1 QQ LOCK-OPER-ID                  P    5.0 N
       The ID of the NTP operator who
       set the lock date.
  1 RR ANML-SUPPLR                   P    5.0 N
       The code for the animal sup-
       plier for the test.  Used by
       DOWNLOAD to extract the corresponds-
       responding supplier text.
  1 SS PROTO-REQ-TIS-FLAG            A    1.0 N
       Flag indicating whether proto-
       col-required tissues may be
       defined on the local machine.
       L-may be defined on a local
       machine; M-must be defined on
       VAX.  Loaded by LDAS into the
       PRT_FLAG field in the TEST
       table.
```

PAS_LOAD_WT

View of in-life protocol which describes the characteristics of the animals used on the test. Used throughout the system.

```
FILE...: PAS_LOAD_WT
TYPE...: USER VIEW
FILE-NR: 47
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                         F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY                A   9.0   DE
        Composite field whose elements
        are the 2-digit agency number,
        which is always "05", and the
        7-digit experiment-test num-
        ber.  Foreign key to PAS_MAS-
        TER
  1 TE DATA-DATE                    A   8.0 N
        The date, in TDMS TOX format,
        on which the record was added,
        or last modified.  (The TOX
        date is in the last 5 digits.)
  1 TF DATA-TIME                    A   6.0 N
        The time, in TDMS TOX format,
        at which the record was added,
        or last modified.  (The TOX
        time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER         N   5.0 N
        The facility with which the
        entry operator is associated.
        Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                  N   5.0 N
        Entry or modification opera-
        tor.  When appended to DATA-
        FACILITY-NUMBER, a foreign key
        to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                   A   1.0 F
        Flag relating to a latent PEX/
        DOWNLOAD feature.  Always set
        to "O".
  1 TM REASON                       A  78.0 N
        Text relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TN COR-DATE                     A   8.0 N
        Date relating to a latent PEX/
```

FILE...: PAS_LOAD_WT
TYPE...: USER VIEW
FILE-NR: 47
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE
        DOWNLOAD feature.  No values
        assigned.
   1 TO COR-TIME                    A    6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
   1 BB SSSC-ID                     N    3.0 N
        Sequentially assigned ID which
        serves to distinguish between
        records for the same test.
        Since there is never more than
        2 records per test, this value
        is either 1 or 2.
   1 CC SPECIES-CODE                N    5.0 N
        The species of the animal
        profile.  Foreign key to
        TBSTRAIN.  Loaded by LDAS into
        the ANML_SPECIES field in the
        TEST table.  Also used by
        DOWNLOAD to determine species-
        dependant tissues and lesions.
   1 DD STRAIN-CODE                 N    5.0 N
        The strain of the animal pro-
        file.  Foreign key to
        TBSTRAIN.  Loaded by LDAS into
        the STRAIN_NUM field in the
        TREATMENT table.
   1 EE SUBSTRAIN-CODE              N    5.0 N
        Sub-strain of the animal pro-
        file.  (Sub-strains are a leg-
        acy to TDMS, with no current
        use. New tests are assigned
        "Not Applicable.")  Foreign
        key to TBSUBSTR.
   1 FF CLASS-CODE                  N    5.0 N
        Animal class qualifier associ-
        ated with the animal profile.
        (Animal class qualifiers are a
        legacy to TDMS, with no cur-
        rent use.  New tests are as-
        signed "Not Applicable".)
        Foreign key to TBANCLQF.
```

```
 1 GG SEX-OF-ANIMAL                 A    1.0 F
      The sex of the animals in the
      SSSC group. M for Male; F for
      Female.  Loaded by LDAS into
      the TREAT_SEX field of the
      TREATMENT table.  (This is the
      only field that should have a
      different values for records
      of the same test.)
 1 HH NO-ANIMALS                    N    4.0 N
      The number of animals in the
      SSSC group.  Essentially, the
      number of animals of the sex
      identified in SEX-OF-ANIMAL.
 1 II DESIRED-AGE                   N    3.0 N
      Desired age of animals at test
      start.  Current liaison pro-
      cedures dictate no value for
      this field, although it is
      loaded by LDAS into the
      TREAT_AGE field of the TREAT-
      MENT table.
 1 JJ HI-ALLOCATION-WEIGHT          N    6.0 N
      Maximum weight, in decigrams,
      of an animal at allocation.
      Pertains only to MODCOMP
      tests.  Current liaison pro-
      cedures indicate that no value
      should be entered for new
      tests.
 1 KK LO-ALLOCATION-WEIGHT          N    6.0 N
      Minimum weight, in decigrams,
      of an animal at allocation.
      Pertains only to MODCOMP
      tests.  Current liaison pro-
      cedures indicate that no value
      should be entered for new
      tests.
 1 LL WT-DEVIATION                  N    2.0 N
      The maximum acceptable differ-
      ence between two consecutive
      weights of the same animal,
      expressed as a percentage.
      Pertains only to MODCOMP
      tests.  Function replaced in
      LDAS by body weight growth
      curve.  Current liaison pro-
      cedures indicate that no val-
      ue should be entered.
```

FILE...: PAS_LOAD_WT
TYPE...: USER VIEW
FILE-NR: 47
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                         F   LENG S DE

  1 MM MAX-TEST-WT                  N    6.0 N
       Maximum weight of animal on
       test, in decigrams.  Pertains
       only to MODCOMP tests.  Cur-
       rent liaison procedures indi-
       cate that no value should be
       entered.
  1 NN MIN-TEST-WT                  N    6.0 N
       Minimum weight of animal on
       test, in decigrams.  Pertains
       only to MODCOMP tests.  Cur-
       rent liaison procedures indi-
       cate that no value should be
       entered.
  1 SD SUPER-KEY                    A   11.0   SP
        SOURCE FIELD(S) --- -START- --END-
       DATA-BASE-KEY                    1      9
       SSSC-ID                          1      2

       Used for single-record selec-
       and indexed reads in PEX,
       DOWNLOAD, and some reports.
       Primary key for table.
```

PAS_MASTER

PAS master table. Indicates whether a test has been registered. Used by report menus to validate a selected test.

```
FILE...: PAS_MASTER
TYPE...: USER VIEW
FILE-NR: 40
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY               A   9.0   DE
        Composite field whose elements
        are: the 2-digit agency number
        which is alway set to "05",
        and the 7-digit experiment-
        test number.  This field is
        assigned when a experiment-
        test is registered in PEX and
        used throughout the menu sys-
        tem to validate experiment-
        test values entered on the
        screens.
P 1 TD DOWNLOAD-INFO
        Periodic group relating to a
        latent PEX/DOWNLOAD feature.
  2 TE DOWNLOAD-DATE               A   8.0 N
        Date relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  2 TF DOWNLOAD-TIME               A   6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
```

PAS_MCRO_PTH_TBL

View of pathology terms, including qualifiers, stain codes, and cause-of-death and morbidity codes Only qualifiers are relevant to the current version of TDMS. New records are generally populated by copying from one of the universal download tests. It is generally not modified after creation.

```
FILE...: PAS_MCRO_PTH_TBL
TYPE...: USER VIEW
FILE-NR: 58
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY             A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.
  1 TE DATA-DATE                 A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                 A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER      N   5.0 N
     The ID number of the facility
     to which the entering operator
     is associated.  Historically,
     has always been 20 for NIEHS.
  1 TH OPERATOR-ID               N   5.0 N
     ID of operator who entered, or
     last modified, the record.
     (By procedure, the ID should
     always belong to a liaison.)
  1 TL ORG-OR-COR                A   1.0 F
     Flag relating to a latent PEX/
     DOWNLOAD feature.  Always set
     to "O".
```

FILE...: PAS_MCRO_PTH_TBL
TYPE...: USER VIEW
FILE-NR: 58
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                           F   LENG S DE

  1 TM REASON                         A   78.0 N
       Text relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TN COR-DATE                       A    8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                       A    6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB P-STAIN-CT                     N    4.0 N
       The number of entries in the
       multiple-entry field STAIN-
       CODE.  Should be equal to
       C*STAIN-CODE.
  1 CC P-COD-COM-CT                   N    4.0 N
       The number of entries in the
       multiple-entry field COD-COM-
       CODE.  Should be equal to
       C*COD-COM-CODE.
  1 DD P-QUALIFIER-CT                 N    4.0 N
       The number of entries in the
       multiple-entry field QUALIFI-
       ER-CODE.  Should be equal to
       C*QUALIFIER-CODE.
M 1 EE STAIN-CODE                     N    5.0 N
       Stain codes that could be used
       to create stain transactions.
       Pertains only to older MODCOMP
       tests.
M 1 FF COD-COM-CODE                   N    5.0 N
       Codes for cause-of-death/mor-
       bidity.  No use in TDMS.
M 1 GG QUALIFIER-CODE                 N    5.0 N
       The qualifier codes that may
       be used to build histopatho-
       logy observations.  Loaded by
       LDAS into the QUAL_NUM field
       of the PATH_QUAL table, and
```

FILE...: PAS_MCRO_PTH_TBL
TYPE...: USER VIEW
FILE-NR: 58
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

T L DB NAME   F   LENG S DE

          is also used by DOWNLOAD to
          constuct what LDAS will load
          into the P_QUAL_GROUP table.

PAS_MICRO_PROC

> View pertains to pathology protocol for test whose pathology data was collected using the MODCOMP collection system. Described protocol-dependant procedures to be used in pathology evaluation.

```
FILE...: PAS_MICRO_PROC
TYPE...: USER VIEW
FILE-NR: 56
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                      F    LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY             A    9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE                 A    8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                 A    6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER      N    5.0 N
     The facility which the entry
     operator is associated.  For-
     eign key to TBFACLTY.
  1 TH OPERATOR-ID               N    5.0 N
     The entry or modification
     operator.  When appended to
     DATA-FACILITY-NUMBER, a for-
     eign key to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                A    1.0 F
     Flag relating to a latent PEX/
     DOWNLOAD feature.  Always set
     to "O".
  1 TM REASON                    A   78.0 N
     Text relating to a latent PEX/
     DOWNLOAD feature.  No values
     assigned.
```

FILE...: PAS_MICRO_PROC
TYPE...: USER VIEW
FILE-NR: 56
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                         F   LENG S DE

  1 TN COR-DATE                     A    8.0 N
      Date relating to a latent PEX/
      DOWNLOAD feature.  No values
      assigned.
  1 TO COR-TIME                     A    6.0 N
      Time relating to a latent PEX/
      DOWNLOAD feature.  No values
      assigned.
  1 BB MICRO-PROC-CT                N    4.0 N
      The number of entries in the
      multiple-entry field MICRO-
      PROC-CHAR.  Should be equal to
      C*MICRO-PROC-CHAR.
M 1 CC MICRO-PROC-CHAR              A   65.0 N
      Free text describing proce-
      dures used during histopatho-
      logy evaluation.   Pertains
      only to MODCOMP tests.
```

PAS_MORPHOLOGIES

View of pathology protocol. Lists the morphologies that may be used for pathology data collection. This file is initially populated by copying from one of the universal download tests. It is rarely modified after initialization.

```
FILE...: PAS_MORPHOLOGIES
TYPE...: USER VIEW
FILE-NR: 53
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                      F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY             A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE                 A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                 A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER      N   5.0 N
     The facility with which the
     entry operator is associated.
     Foreign key to TBFACLTY.
  1 TH OPERATOR-ID               N   5.0 N
     The entry or modification
     operator.  When appended to
     DATA-FACILITY-NUMBER, a for-
     eign key to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                A   1.0 F
     Flag relating to a latent PEX/
     DOWNLOAD feature.  Always set
     to "O".
  1 TM REASON                    A   78.0 N
     Text relating to a latent PEX/
```

FILE...: PAS_MORPHOLOGIES
TYPE...: USER VIEW
FILE-NR: 53
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                       F   LENG S DE
       DOWNLOAD feature.  No values
       assigned.
  1 TN COR-DATE                    A   8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                    A   6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB ORGAN-CODE                  N   5.0
       The organ to which the morpho-
       logies apply.  Foreign key to
       TBPCT.  Loaded by LDAS into
       the TISSUE_NUM field of the
       TISSUE_MORPH table.
  1 CC NON-NEO-MORPH-CT            N   4.0 N
       The number of entries in the
       repeating group ANY-NON-NEO-
       PLASTIC.  Should be equal to
       C*ANY-NON-NEOPLASTIC.
  1 DD NEO-MORPH-CT                N   4.0 N
       The number of entries in the
       repeating group ANY-NEOPLAS-
       TIC-GROUP.  Should be equal to
       C*ANY-NEOPLASTIC-GROUP.
P 1 EE ANY-NON-NEOPLASTIC
       Group embracing non-neoplastic
       morphologies and their assoc-
       iated qualifier flags.
  2 FF MORPHOLOGY-CODE-NON         N   5.0 N
       The non-neoplastic morpholo-
       gies that may be used to build
       pathology observations.  Load-
       ed by LDAS into the MORPH_NUM
       fields in the MORPHOLOGY,
       TISS_MORPH, and MORPH_QUAL
       tables.  Foreign key to TBPCT.
  2 GG QUALIFIER-FLAG-NON          A   1.0 F
       Flag indicating whether the
       associated morphology can or
       must be qualified.  The value
```

FILE...: PAS_MORPHOLOGIES
TYPE...: USER VIEW
FILE-NR: 53
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE
        must be moved into an integer
        to be evaluated since that is
        the way the value is stored.
        The possible values are:
          1 - Must be qualified
         32 - May be qualified
         78 - May not be qualified
         81 - May be qualified
        Loaded by LDAS into the
        FORCED_GROUP field in the
        MORPHOLOGY table.
P 1 HH ANY-NEOPLASTIC-GRP
        Repeating group embracing
        neoplastic morphology codes
        and their associated qualifier
        flags.
  2 II MORPHOLOGY-CODE             N    5.0 N
        The neoplastic morphologies
        that may be used to build
        pathology observations.  Load-
        ed by LDAS into the MORPH_NUM
        fields in the MORPHOLOGY,
        TISS_MORPH, and MORPH_QUAL
        tables.  Foreign key to TBPCT.
  2 JJ QUALIFIER-FLAG              A    1.0 F
        Flag indicating whether the
        associated morphology can or
        must be qualified.  The value
        must be moved into an integer
        to be evaluated since that is
        the way the value is stored.
        The possible values are:
          1 - Must be qualified
         32 - May be qualified
         78 - May not be qualified
         81 - May be qualified
        Loaded by LDAS into the
        FORCED_GROUP field in the
        MORPHOLOGY table.
  1 SD SUPER-KEY                   A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                     1      9
```

FILE...: PAS_MORPHOLOGIES
TYPE...: USER VIEW
FILE-NR: 53
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F    LENG S DE
       ORGAN-CODE                  1       2
       Used in PEX for indexed reads
       based on test and organ val-
       ues.
```

PAS_ORGANS

> View of pathology protocol. Lists the organs that may be used for
> pathology data collection. This file is initially populated by copying from
> one of the universal download tests. It is rarely modified after
> initialization.

```
FILE...: PAS_ORGANS
TYPE...: USER VIEW
FILE-NR: 52
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                     F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY            A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE                A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER     N   5.0 N
     The facility with which the
     entry operator is associated.
     Foreign key to TBFACLTY.
  1 TH OPERATOR-ID              N   5.0 N
     Entry or modification opera-
     tor.  When appended to DATA-
     FACILITY-NUMBER, a foreign key
     to TB_OPERATOR_ID.
  1 TL ORG-OR-COR               A   1.0 F
     Flag relating to a latent PEX/
     DOWNLOAD feature.  Always set
     to "O".
  1 TM REASON                   A  78.0 N
     Text relating to a latent PEX/
```

FILE...: PAS_ORGANS
TYPE...: USER VIEW
FILE-NR: 52
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE
        DOWNLOAD feature.  No values
        assigned.
   1 TN COR-DATE                    A   8.0 N
        Date relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
   1 TO COR-TIME                    A   6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
   1 BB SSSC-ID-CT                  N   4.0 N
        The number of entries in the
        multiple-field SSSC-ID. Always
        1.
   1 CC ORGAN-GROUP-CT             N   4.0 N
        The number of the entries in
        the multiple field ORGAN-CODE.
        Should be equal to C*ORGAN-
        CODE.
 M 1 DD SSSC-ID                     N   3.0
        The SSSC ID to which the list
        of organ codes pertains. Al-
        though a multiple-entry field,
        always only one entry.  When
        appended to DATA-BASE-KEY, a
        foreign key to PAS_LOAD_WT.
 M 1 EE ORGAN-CODE                  N   5.0
        The PCT codes for the organs
        that may be used to build
        pathology observations loaded
        by LDAS into the TISSUE_NUM
        fields in TISSUE, TISS_SITE,
        and TISS_MORPH tables.  For-
        eign key to TBPCT.
   1 FF STUDY-ORGAN                 A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                  1      9
        ORGAN-CODE                     1      2

        Used for indexed finds based
        on test number and organ code
        values.
```

PAS_PH_P_AST_OPR

View of operators assigned to a test for pathology data collection. For tests conducted using LDAS, this information is assigned on the local machine and uploaded to the mainframe DBMS; for MODCOMP tests, the information was entered in PEX and downloaded.

```
FILE...: PAS_PH_P_AST_OPR
TYPE...: USER VIEW
FILE-NR: 57
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY             A   9.0   DE
       Composite field whose elements
       are the 2-digit agency number,
       which is always "05", and the
       7-digit experiment-test num-
       ber.  Foreign key to PAS_MAS-
       TER.
  1 TE DATA-DATE                 A   8.0 N
       The date, in TDMS TOX format,
       on which the record was added,
       or last modified.  (The TOX
       date is in the last 5 digits.)
  1 TF DATA-TIME                 A   6.0 N
       The time, in TDMS TOX format,
       at which the record was added,
       or last modified.  (The TOX
       time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER      N   5.0 N
       The facility with which the
       entry operator is associated.
       A foreign key to TBFACLTY.
  1 TH OPERATOR-ID               N   5.0 N
       The entry or modification
       operator.  When appended to
       DATA-FACILITY-NUMBER,  a for-
       eign key to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                A   1.0 F
       Flag relating to a latent PEX/
       DOWNLOAD feature.  Always set
       to "O".
```

FILE...: PAS_PH_P_AST_OPR
TYPE...: USER VIEW
FILE-NR: 57
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                      F   LENG S DE
  1 TM REASON                    A   78.0 N
        Text relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TN COR-DATE                  A    8.0 N
        Date relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TO COR-TIME                  A    6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 BB PERSONNEL-ID-CT           N    4.0 N
        Number of entries in the re-
        peating group ANY-ID-GRP.
        Should be equal to C*ANY-ID-
        GRP.
P 1 CC ANY-ID-GRP
        Repeating group embracing description-
        criptions of each operator
        assigned to a test for patho-
        logy data collection.
  2 DD NAME                      A   32.0 N
        The name of the operator, ex-
        tracted from the operator tab-
        le at the time of assignment
        by LDAS.  (For MODCOMP tests,
        name was entered as free text
        on PEX.)
  2 EE PERSONNEL-CODE            A    1.0 F
        Two differents sets of codes,
        depending on whether code was
        assigned for MODCOMP or LDAS.
        Both code systems may exist
        for the same record, if both
        MODCOMP and LDAS were used for
        the pathology portion of the
        test. For MODCOMP tests the
        codes are: A-Pathologist,B-
```

FILE...: PAS_PH_P_AST_OPR
TYPE...: USER VIEW
FILE-NR: 57
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                     F   LENG S DE

      Path. Assistant, C-Entry Oper-
      ator, D-Audit Path.; for LDAS
      tests the codes are: P-Patho-
      logist, T-Technician, D-Data
      Administrator,S-Security Ad-
      ministrator.
  2 FF PATH-CODE                 A   12.0 N
      Operator assigned to the test.
      Constructed in one of two
      ways, depending on the sub-
      system where it was assigned
      For MODCOMP, the first 2 dig-
      its are 09, followed by the 5-
      digit facility number, the 4-
      digit operator number, and a
      1-digit check byte; for LDAS,
      the first 8 digits are 0, fol-
      lowedby the 4-digit operator
      ber, which must be appended
      to FACILITY-ID from PAS_FAC_-
      CHEM.  Foreign key to TB_-
      OPERATOR_ID.
  1 GG SUPER-KEY                 A   22.0   SP
       SOURCE FIELD(S) --- -START- --END-
      DATA-BASE-KEY                   1    9
      PERSONNEL-CODE                  1    1
      PATH-CODE                       1    12

      Used by RECEIVE for discrete
      record selection.
```

PAS_PREPARTN_SEG

View of in-life, compound preparation protocol. The preparations
define the composition of the dose mixtures used on the test.
Information in the table is downloaded to LDAS and is used by many of
the EIS/PEIS reports.

```
FILE...: PAS_PREPARTN_SEG
TYPE...: USER VIEW
FILE-NR: 43
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                         F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY                A   9.0   DE
      Composite field whose elements
      are the 2-digit agency number,
      which is always "05", and the
      7-digit experiment-test num-
      ber.  Foreign key to PAS_MAS-
      TER.
  1 TE DATA-DATE                    A   8.0 N
      The date, in TDMS TOX format,
      on which the record was added,
      or last modified.  (The TOX
      date is in the last 5 digits.)
  1 TF DATA-TIME                    A   6.0 N
      The time, in TDMS TOX format,
      at which the record was added,
      or last modified.  (The TOX
      time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER         N   5.0 N
      The ID number of the facility
      to which the entering operator
      is associated.  Historically,
      has always been 20 for NIEHS.
      Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                  N   5.0 N
      ID of operator who entered, or
      last modified, the record.
      (By procedure, the ID should
      always belong to a liaison.)
      Appended to DATA-FACILITY-
      NUMBER, a foreign key to
      TB_OPERATOR_ID.
```

```
FILE...: PAS_PREPARTN_SEG
TYPE...: USER VIEW
FILE-NR: 43
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                       F   LENG S DE
  1 TL ORG-OR-COR                 A    1.0 F
        Flag relating to a latent PEX/
        DOWNLOAD feature.  Always set
        to "O".
  1 TM REASON                     A   78.0 N
        Text relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TN COR-DATE                   A    8.0 N
        Date relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TO COR-TIME                   A    6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 BB ID-NO                      N    3.0 N
        Unique, sequentially-assigned,
        identification number for a
        preparation.  Loaded by LDAS
        into the PREP_NUM field in
        the PREPARATION and TREAT_PREP
        tables.
  1 CC COMPOUND-CT                N    1.0 N
        The number of entries in the
        repeating group ANY-COMPOUND-
        INFO.  Should be equal to
        C*ANY-COMPOUND-INFO.
P 1 DD ANY-COMPOUND-INFO
        Repeating group defining each
        of the constituent elements of
        a dose mixture.
  2 EE NTP-NO                     A    6.0 N
        The NTP number associated with
        the chemical.  Not entered for
        vehicles.
  2 FF COMPOUND-NAME              A   54.0 N
        The name of the compound en-
```

Data Dictionary: TDMS   **79**   **TS-1005-2.2**

FILE...: PAS_PREPARTN_SEG
TYPE...: USER VIEW
FILE-NR: 43
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

T L DB NAME   F   LENG S DE

    tered as free text. Loaded by
    LDAS into the COMP_TEXT field
    of the PREPARATION table.
 2 GG COMP-TYPE   A   1.0 F
    Flag indicating the type of
    compound being defined. The
    possible flag values, and
    their meanings, are:
       A - Vehicle
       B - Test
       C - Initiator
       D - Promotor
    The associated text, not the
    flag itself, is loaded by
    LDAS into the ROLE_TEXT field
    in the PREPARATION table.
 2 HH COMP-PERCENT   N   3.6 N
    The percentage of the compound
    relative to the whole prepara-
    . Loaded by LDAS into the
    COMP_PERCENT of the PREPARA-
    TION table. Also used in many
    EIS/PEIS reports.
 2 II MEAS-TYPE   A   2.0 N
    Flag indicating the basis for
    the percentage calculation.
    The possible values, and their
    meanings, are:
       WW - Weight/Weight
       VV - Volume/Volume
       WV - Weight/Volume
       VW - Volume/Weight
    The flag itself is loaded by
    LDAS into the COMP_MEAS field
    in the PREPARATION table.
 1 SD SUPER-KEY   A 11.0   SP
     SOURCE FIELD(S) --- -START- --END-
    DATA-BASE-KEY   1   9
    ID-NO   1   2
    Used for indexed reads to the

FILE...: PAS_PREPARTN_SEG
TYPE...: USER VIEW
FILE-NR: 43
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

T L DB NAME   F   LENG S DE

        file in test and preparation
        number order. Primary key for
        the table.

PAS_PROCEDUR_SEG

View of in-life, procedure-action protocol. The procedures are
organized into groups of actions. These groups comprise the schedule
of activities that apply to cages. Its information is downloaded to LDAS.

```
FILE...: PAS_PROCEDUR_SEG
TYPE...: USER VIEW
FILE-NR: 42
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                        F   LENG S DE
- - --  -- - - --

  1 TC DATA-BASE-KEY               A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE                   A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                   A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER        N   5.0 N
     The ID number of the facility
     to which the entering operator
     is associated.  Historically,
     has always been 20 for NIEHS.
     Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                 N   5.0 N
     ID of operator who entered, or
     last modified, the record.
     (By procedure, the ID should
     always belong to a liaison.)
     Appended to DATA-FACILITY-
     NUMBER, a foreign key to
     TB_OPERATOR_ID.
```

FILE...: PAS_PROCEDUR_SEG
TYPE...: USER VIEW
FILE-NR: 42
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE

  1 TL ORG-OR-COR                  A   1.0 F
        Flag relating to a latent PEX/
        DOWNLOAD feature.  Always set
        to "O".
  1 TM REASON                      A   78.0 N
        Text relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TN COR-DATE                    A   8.0 N
        Date relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TO COR-TIME                    A   6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 BB ID-NO                       N   3.0 N
        A sequentially-assigned, un-
        ique number that identifies a
        procedure set on a test.
        Loaded by LDAS into the PROC_-
        NUM field in the PROCEDURE
        table.
  1 CC PROCEDURE-GRP-CNT           N   3.0 N
        The number of actions defined
        in the repeating group ANY-
        PROCEDURE-GROUP.  Should be
        equal to C*ANY-PROCEDURE-GROUP
P 1 DD ANY-PROCEDURE-GROUP
        Repeating group that defines
        each actions in a procedure
        set.
  2 EE ACTION-CODE                 N   4.0 N DE
        The action being scheduled.
        Loaded by LDAS into the
        ACTION_NUM field in the
        PROCEDURE table.  Foreign key
        to TBACTONC.
```

FILE...: PAS_PROCEDUR_SEG
TYPE...: USER VIEW
FILE-NR: 42
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                         F   LENG S DE

  2 FF REL-START                    I   2.0 F
        The day-on-dose on which the
        schedule for the action be-
        gins.  Loaded by LDAS into the
        START_DAY field in the PROCE-
        DURE table.
  2 GG REL-STOP                     I   2.0 F
        The day-on-dose on which the
        schedule for the action ends.
        Loaded by LDAS into the END_-
        DAY field in the PROCEDURE
        table.
  2 HH WEEKLY-INTERVALS             N   2.0 N
        The number of weeks between
        occurrences of the action.
        Loaded by LDAS into the WEEK_-
        INTRVL field in the PROCEDURE
        table.
  2 II REL-OR-SPEC                  A   1.0
        Flag indicating the basis for
        the DAY-OF-WEEK field.  R -
        test week, S - calendar week.
        Loaded by LDAS into the REL_-
        OR_SPEC field in the PROCEDURE
        table.
  2 JJ DAY-OF-WEEK                  A   7.0 N
        Each character is a flag for
        the day corresponding to the
        position.  If the character
        has a value of 'X', then the
        action is scheduled for the
        corresponding day; if blank,
        it isn't scheduled.  Loaded by
        LDAS into the DAY_OF_WEEK
        field in the PROCEDURE table.
  1 SD SUPER-KEY                    A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                 1      9
        ID-NO                         1      2
```

Data Dictionary: TDMS   **84**   **TS-1005-2.2**

FILE...: PAS_PROCEDUR_SEG
TYPE...: USER VIEW
FILE-NR: 42
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                         F   LENG S DE


        Used for indexed reads by
        test and procedure set number.
        Primary key for table.
```

PAS_PROTO_REQ_TIS

View of pathology protocol. Defines the criteria by which tissues are required to be evaluated. Criteria are evaluation based on treatment group, removal reason, and removal date range. Can be created by a liaison and downloaded, or created on the local machine and uploaded. Used by the P14.

```
FILE...: PAS_PROTO_REQ_TIS
TYPE...: USER VIEW
FILE-NR: 84
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                           F   LENG S DE
- - -- ------------------------------ -- ----- - --
  1 TC DATA-BASE-KEY                  A   9.0   DE
        Composite field whose elements
        are the 2-digit agency number,
        which is always "05", and the
        7-digit experiment-test num-
        ber.
  1 TE DATA-DATE                      A   8.0 N
        The date, in TDMS TOX format,
        on which the record was added,
        or last modified.  (The TOX
        date is in the last 5 digits.)
  1 TF DATA-TIME                      A   6.0 N
        The time, in TDMS TOX format,
        at which the record was added,
        or last modified.  (The TOX
        time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER           N   5.0 N
        The ID number of the facility
        to which the entering operator
        is associated.  Historically,
        has always been 20 for NIEHS.
  1 TH OPERATOR-ID                    N   5.0 N
        ID of operator who entered, or
        last modified, the record.
        (By procedure, the ID should
        always belong to a liaison.)
  1 TL ORG-OR-COR                     A   1.0 N
        Flag relating to a latent PEX/
        DOWNLOAD feature.  Always set
        to "O".
  1 TM REASON                         A  78.0 N
        Text relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
```

FILE...: PAS_PROTO_REQ_TIS
TYPE...: USER VIEW
FILE-NR: 84
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                         F   LENG S DE
  1 TN COR-DATE                     A   8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                     A   6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB TREAT-NUM                    N   3.0
       The treatment group to which
       the PRT set pertains. Loaded
       by LDAS into the TREATMENTS
       field of the PRO_REQ_TISS tab-
       le.
  1 CC BEG-REMOVAL-DATE             N   5.0
       The beginning removal date,
       in TDMS TOX format, for the
       PRT set.  Loaded by LDAS, as
       a gregorian date, into REM_-
       BEG_DATE in the PRO_REQ_TISS
       table.
  1 DD END-REMOVAL-DATE             N   5.0
       The ending removal date, in
       TDMS TOX format, for the PRT
       set.  Loaded by LDAS, as  a
       gregorian date, into REM_-
       END_DATE in the PRO_REQ_TISS
       table.
  1 EE PROTO-REQ-TIS-PATHOLOGIST    N   5.0 N
       The operator ID of the patho-
       logist assigned to the test.
       Loaded by LDAS into the PATH_-
       NUM field in the PRO_REQ_TISS
       table.
M 1 FF REASON-NUM                   P   5.0 N
       Codes for the removal reasons
       that apply to the PRT set.
       Loaded by LDAS into the REM_-
       REASONS field in the PRO_REQ_-
       TISS table.
M 1 GG TISSUE-NUM                   P   5.0 N
       Codes for the organs that ap-
       ply to the PRT set.  Loaded by
```

Data Dictionary: TDMS   **87**   **TS-1005-2.2**

```
FILE...: PAS_PROTO_REQ_TIS
TYPE...: USER VIEW
FILE-NR: 84
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                         F   LENG S DE
      LDAS into the TISSUE_NUM field
      of the PRO_REQ_TISS table.
  1 HH ALL-TREAT-FLAG               A   1.0 F
      Flag indicating whether the
      PRT set applies to all treat-
      ment groups on the test.
  1 II ALL-REM-REASON-FLAG          A   1.0 F
      Flag indicating whether the
      PRT set applies to all removal
      reasons on the test.
  1 AB SYSTEM-DATE-TIME             A   13.0   DE
      The system date and time when
      the set was created.  In the
      form MMDDYYHHMMSSH.
  1 SD PROTO-REQ-TIS-SUPERKEY       A   22.0   SP
      -------- SOURCE FIELD(S) ------- -START- --END-
      DATA-BASE-KEY                      1      9
      BEG-REMOVAL-DATE                   1      5
      END-REMOVAL-DATE                   1      5
      TREAT-NUM                          1      3

      Used for indexed reads of the
      file.
  1 SE AGENCY-EXP-TEST-TREAT-REASON A   17.0   SP
      -------- SOURCE FIELD(S) ------- -START- --END-
      DATA-BASE-KEY                      1      9
      TREAT-NUM                          1      3
      REASON-NUM                         1      5

      Used by E18 and P14 for dis-
      crete record selection.
```

PAS_RACK_CAGE

View of in-life protocol indicating the physical location of cages. Used by download to create the input for the initialization of the CAGE table.

```
FILE...: PAS_RACK_CAGE
TYPE...: USER VIEW
FILE-NR: 51
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                      F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY             A   9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE                 A   8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME                 A   6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER      N   5.0 N
     The facility with which the
     entry operator is associated.
     Foreign key to TBFACLTY.
  1 TH OPERATOR-ID               N   5.0 N
     The entry or modification
     operator.  When appended to
     DATA-FACILITY-NUMBER, a for-
     eign key to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                A   1.0 F
     Flag relating to a latent PEX/
     DOWNLOAD feature.  Always set
     to "O".
  1 TM REASON                    A   78.0 N
     Text relating to a latent PEX/
     DOWNLOAD feature.  No values
     assigned.
```

```
FILE...: PAS_RACK_CAGE
TYPE...: USER VIEW
FILE-NR: 51
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                            F   LENG S DE

  1 TN COR-DATE                        A    8.0 N
        Date relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 TO COR-TIME                        A    6.0 N
        Time relating to a latent PEX/
        DOWNLOAD feature.  No values
        assigned.
  1 BB C-AREA                          N    5.0
        The location at the facility
        of the rack (e.g. room number)
        Loaded by LDAS into the AREA_-
        NUM field of the CAGE table.
  1 CC RACK-NO                         N    2.0
        The number of the rack being
        defined, which number must be
        unique on the test. Loaded by
        LDAS into the RACK_NUM field
        of the CAGE table.
  1 DD C-SIDE                          A    1.0 F
        The side of the rack which is
        being described.  Either A or
        B.  Loaded by LDAS into the
        SIDE_FLAG field of the CAGE
        table.
  1 EE RACK-ROW                        N    2.0 N
        The number of rows in the
        rack-side.
  1 FF RACK-COL                        N    2.0 N
        The number of columns in the
        rack side.
P 1 GG CAGES
        Repeating group defining phy-
        sical location of cages on the
        rack-side.  Each group entry
        represents a row.
```

```
FILE...: PAS_RACK_CAGE
TYPE...: USER VIEW
FILE-NR: 51
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                        F   LENG S DE
  2 HA COLUMN-1                     N    4.0 N
       The cage numbers in column 1.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  2 HB COLUMN-2                     N    4.0 N
       The cage numbers in column 2.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  2 HC COLUMN-3                     N    4.0 N
       The cage numbers in column 3.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  2 HD COLUMN-4                     N    4.0 N
       The cage numbers in column 4.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  2 HE COLUMN-5                     N    4.0 N
       The cage numbers in column 5.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  2 HF COLUMN-6                     N    4.0 N
       The cage numbers in column 6.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
```

FILE...: PAS_RACK_CAGE
TYPE...: USER VIEW
FILE-NR: 51
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                         F   LENG S DE

  2 HG COLUMN-7                      N    4.0 N
       The cage numbers in column 7.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  2 HH COLUMN-8                      N    4.0 N
       The cage numbers in column 8.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  2 HI COLUMN-9                      N    4.0 N
       The cage numbers in column 9.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  2 HJ COLUMN-10                     N    4.0 N
       The cage numbers in column 10.
       Loaded by LDAS into the CAGE_-
       NUM field in the CAGE table.
       When appended to right-most
       7 characters in DATA-BASE-KEY,
       a foreign key to TD-CAGE.
  1 SD SUPER-KEY                     A   17.0   SP
        SOURCE FIELD(S) --- -START- --END-
       DATA-BASE-KEY                    1    9
       C-AREA                           1    5
       RACK-NO                          1    2
       C-SIDE                           1    1

       Used for indexed reads of the
       file.  Primary key for table.
```

PAS_REMVL_ACTION

>
> View of in-life, removal-action protocol. These actions are those to be performed by the data collector when an animal is removed from the test. Its information is downloaded to LDAS.

FILE...: PAS_REMVL_ACTION
TYPE...: USER VIEW
FILE-NR: 50
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY               A   9.0   DE
       Composite field whose elements
       are the 2-digit agency number,
       which is always "05", and the
       7-digit experiment-test num-
       ber.  Foreign key to PAS_MAS-
       TER.
  1 TE DATA-DATE                   A   8.0 N
       The date, in TDMS TOX format,
       on which the record was added,
       or last modified.  (The TOX
       date is in the last 5 digits.)
  1 TF DATA-TIME                   A   6.0 N
       The time, in TDMS TOX format,
       at which the record was added,
       or last modified.  (The TOX
       time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER        N   5.0 N
       The facility with which the
       entry operator is associated.
       Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                 N   5.0 N
       The entry or modification
       operator.  When appended to
       DATA-FACILITY-NUMBER,  foreign
       key to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                  A   1.0 F
       Flag relating to a latent PEX/
       DOWNLOAD feature.  Always set
       to "O".
```

FILE...: PAS_REMVL_ACTION
TYPE...: USER VIEW
FILE-NR: 50
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE

  1 TM REASON                      A   78.0 N
       Text relating to a latent PEX/
       DOWNLOAD feature.  No values assigned.
  1 TN COR-DATE                    A    8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                    A    6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB REMOVAL-ACT-CT              N    2.0 N
       The number of entries in the
       multiple-entry field REMOVAL-
       ACT-CODE.  Should be equal to
       C*REMOVAL-ACT-CODE.
M 1 CC REMOVAL-ACT-CODE            N    5.0 N
       Action to performed when an
       animal is removed from the
       test.  Loaded by LDAS into
       the ACTION_NUM field of the
       REMVL_ACTION table.  Foreign
       key to TBACTONC.
```

PAS_RESP_PARTIES
> View of information on the people who share primary responsibility for
> the test. Not used by download or EIS/PEIS reports.

```
FILE...: PAS_RESP_PARTIES
TYPE...: USER VIEW
FILE-NR: 45
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                         F   LENG S DE
- - --  -- - - --
  1 TC DATA-BASE-KEY                A   9.0   DE
       Composite field whose elements
       are the 2-digit agency number,
       which is always "05", and the
       7-digit experiment-test num-
       ber.  Foreign key to PAS_MAS-
       TER.
  1 TE DATA-DATE                    A   8.0 N
       The date, in TDMS TOX format,
       on which the record was added,
       or last modified.  (The TOX
       date is in the last 5 digits.)
  1 TF DATA-TIME                    A   6.0 N
       The time, in TDMS TOX format,
       at which the record was added,
       or last modified.  (The TOX
       time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER         N   5.0 N
       The ID number of the facility
       to which the entering operator
       is associated.  Historically,
       has always been 20 for NIEHS.
       Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                  N   5.0 N
       ID of operator who entered, or
       last modified, the record.
       (By procedure, the ID should
       always belong to a liaison.)
       When appended to DATA-FACILI-
       TY-NUMBER, a foreign key to
       TB_OPERATOR_ID.
  1 TL ORG-OR-COR                   A   1.0 F
       Flag relating to a latent PEX/
       DOWNLOAD feature.  Always set
```

FILE...: PAS_RESP_PARTIES
TYPE...: USER VIEW
FILE-NR: 45
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE

      to "O".
  1 TM REASON                      A   78.0 N
      Text relating to a latent PEX/
      DOWNLOAD feature.  No values
      assigned.
  1 TN COR-DATE                    A    8.0 N
      Date relating to a latent PEX/
      DOWNLOAD feature.  No values
      assigned.
  1 TO COR-TIME                    A    6.0 N
      Time relating to a latent PEX/
      DOWNLOAD feature.  No values
      assigned.
  1 BB RESP-PARTY                  A   32.0 N
      Name of one of the people with
      primary responsibility for the
      test, entered as free text.
  1 CC JOB-POSITION                A    2.0 N
      Two-letter identification for
      the RP's role on the test.
      The possible values are:
          PI - Principal Investigator
          PO - Project Manager
          CM - Chemical Manager
      (Defined in code, not data
      model.)
  1 DD FACILITY-CODE               N    5.0 N
      Code for the facility with
      which the RP is associated.
      Foreign key to TBFACLTY.
  1 EE EFFECTIVE-DATE              N    6.0 N
      Date, entered in the form of
      MMDDYY, on which the RP's role
      on the test becomes effective.
  1 FF PHONE-NUMBER                N   10.0 N
      Phone number of the RP.  En-
      tered as free numerical text.
```

FILE...: PAS_RESP_PARTIES
TYPE...: USER VIEW
FILE-NR: 45
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                      F   LENG S DE

  1 GG EXTENSION                 N    4.0 N
       The extension for the RP, if
       there is one.  Entered as free
       numeric text.
  1 HH FACILITY-ADDRESS          A  128.0 N
       The address for the facility
       with which the RP is associ-
       ated.  For entry purposes,
       the field is broken into 4 32-
       character subfields, into
       which the address is entered
       as free text.
```

PAS_SITES

View of pathology protocol. Lists the tissue-sites that may be used for pathology data collection. This file is initially populated by copying from one of the universal download tests. It is rarely modified after initialization.

```
FILE...: PAS_SITES
TYPE...: USER VIEW
FILE-NR: 54
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                    F    LENG S DE
- - -- -- - - --
  1 TC DATA-BASE-KEY           A    9.0   DE
     Composite field whose elements
     are the 2-digit agency number,
     which is always "05", and the
     7-digit experiment-test num-
     ber.  Foreign key to PAS_MAS-
     TER.
  1 TE DATA-DATE               A    8.0 N
     The date, in TDMS TOX format,
     on which the record was added,
     or last modified.  (The TOX
     date is in the last 5 digits.)
  1 TF DATA-TIME               A    6.0 N
     The time, in TDMS TOX format,
     at which the record was added,
     or last modified.  (The TOX
     time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER    N    5.0 N
     The facility with which the
     entry operator is associated.
     Foreign key for TBFACLTY.
  1 TH OPERATOR-ID             N    5.0 N
     Entry or modification opera-
     tor.  When appended to DATA-
     FACILITY-NUMBER, a foreign key
     to TB_OPERATOR_ID.
  1 TL ORG-OR-COR              A    1.0 F
     Flag relating to a latent PEX/
     DOWNLOAD feature.  Always set
     to "O".
  1 TM REASON                  A    78.0 N
     Text relating to a latent PEX/
```

FILE...: PAS_SITES
TYPE...: USER VIEW
FILE-NR: 54
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

T L DB NAME   F   LENG S DE

     DOWNLOAD feature. No values
     assigned.
  1 TN COR-DATE   A   8.0 N
     Date relating to a latent PEX/
     DOWNLOAD feature. No values
     assigned.
  1 TO COR-TIME   A   6.0 N
     Time relating to a latent PEX/
     DOWNLOAD feature. No values
     assigned.
  1 BB ORGAN-CODE   N   5.0
     The organ (tissue) to which
     the sites apply. Foreign key
     to TBPCT. Loaded by LDAS into
     the TISSUE_NUM field in the
     TISS_SITE table.
  1 CC SITE-GRP-CT   N   4.0 N
     The number of tissue-sites in
     the multiple-entry field SITE-
     CODE. Should be equal to
     C*SITE-CODE.
M 1 DD SITE-CODE   N   5.0 N
     The tissue-sites which may be
     used to further define obser-
     vations of the associated or-
     gan. Foreign key to TBPCT.
     Loaded by LDAS into the SITE_-
     NUM field of the TISS_SITE and
     PATH_SITE tables.
  1 SD SUPER-KEY   A   11.0   SP
      SOURCE FIELD(S) --- -START- --END-
     DATA-BASE-KEY   1   9
     ORGAN-CODE   1   2

     Used for indexed reads of the
     table based on test number and
     organ code. Primary key for
     table.

PAS_TREATMNT_SEG

View of in-life, treatment, and treatment-regimen, protocol. Treatment groups are generally organized according to dose levels and gender.

```
FILE...: PAS_TREATMNT_SEG
TYPE...: USER VIEW
FILE-NR: 41
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                       F   LENG S DE
- - --  -- - - --
  1 TC DATA-BASE-KEY              A   9.0   DE
       Composite field whose elements
       are the 2-digit agency number,
       which is always "05", and the
       7-digit experiment-test num-
       ber.  Foreign key to PAS_MAS-
       TER.
  1 TE DATA-DATE                  A   8.0 N
       The date, in TDMS TOX format,
       on which the record was added,
       or last modified.  (The TOX
       date is in the last 5 digits.)
  1 TF DATA-TIME                  A   6.0 N
       The time, in TDMS TOX format,
       at which the record was added,
       or last modified.  (The TOX
       time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER       N   5.0 N
       The ID number of the facility
       to which the entering operator
       is associated.  Historically,
       has always been 20 for NIEHS.
       Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                N   5.0 N
       ID of operator who entered, or
       last modified, the record.
       (By procedure, the ID should
       always belong to a liaison.)
       Foreign key to TB_OPERATOR_ID.
  1 TL ORG-OR-COR                 A   1.0 F
       Flag relating to a latent PEX/
       DOWNLOAD feature.  Always set
       to "O".
```

FILE...: PAS_TREATMNT_SEG
TYPE...: USER VIEW
FILE-NR: 41
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                      F   LENG S DE

  1 TM REASON                    A   78.0 N
       Text relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TN COR-DATE                  A    8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                  A    6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB ID-NO                     N    3.0 N
       Sequentially assigned number
       for the treatment group.  Uni-
       que on the test.  Values range
       from 1 to 32.  Loaded by LDAS
       into the TREAT_NUM field in
       the TREATMENT and TREAT_PREP
       tables.
  1 CC CONTROL-DES               A    1.0 F
       The treatment role.  Foreign
       key to TBTRTROLE.
  1 DD TEXT-ID                   A   16.0 N
       Free text describing the
       treatment groups.  Entered
       as two 8-character sub-fields
       due to design of some report
       headers.  Loaded by LDAS into
       the TREAT_TEXT field of the
       TREATMENT table.
  1 EE REGIMEN-CT                N    3.0 N
       Number of entries in the re-
       peating group ANY-REGIMEN.
       Should be equal to C*ANY-REGI-
       MEN.
P 1 FF ANY-REGIMEN
       Repeating group embracing each
```

FILE...: PAS_TREATMNT_SEG
TYPE...: USER VIEW
FILE-NR: 41
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

T L DB NAME   F   LENG S DE

       regiment associated with a
       treatment group.
  2 GG PREP-ID   N   3.0 N
       The preparation associated
       with the regimen. Loaded by
       LDAS into the PREP_NUM field
       in the TREAT_PREP table. Ap-
       pended to DATA-BASE-KEY, a
       foreign key to PAS_PREPARTN_-
       SEG.
  2 HH ROUTE   N   5.0 N
       Dose route associated with
       regimen. Foreign key to
       TBDOSRTE. Loaded by LDAS into
       the ROUTE_NUM field in the
       PREPARATION table.
  2 II PREP-VOL   N   5.0 N
       Ratio of preparation to animal
       weight, expressed as .000cc/g.
       Only for gavage and injection
       tests. Loaded by LDAS into
       the DOSE_VOLUME field in the
       TREAT_PREP table.
  2 JJ DOSE-CALC   A   1.0
       Legacy field since implementa-
       of LDAS. Formerly, a
       flag indicating to the animal
       caretaker how to determine the
       method of determining the pre-
       paration to be given to each
       animal. Values:
        M - Manual Entry
        R - Real-Time Computation
        C - Computer-Generated Table
  2 KK REL-START   N   4.0 N
       The day-on-dose on which the
       schedule for the regimen be-
       gins. Loaded by LDAS into the
       REL_START field in the TREAT_-
       PREP table.

Data Dictionary: TDMS   **102**   **TS-1005-2.2**

FILE...: PAS_TREATMNT_SEG
TYPE...: USER VIEW
FILE-NR: 41
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

T L DB NAME   F   LENG S DE

  2 LL REL-STOP   N   4.0 N
       The day-on-dose on which the
       schedule for the regimen ends.
       Loaded by LDAS into the REL_-
       STOP field in the TREAT_PREP
       table.
  2 MM INTERVALS   N   2.0 N
       The number of weeks between
       occurrences of the regimen.
       Loaded by LDAS into the WEEK_-
       INTRVL field in the TREAT_-
       PREP table.
  2 NN REL-OR-SPEC   A   1.0
       Flag indicating the basis for
       the DAY-OF-WEEK field. R -
       test week, S - calendar week.
       Loaded by LDAS into the REL_-
       OR_SPEC field in the TREAT_-
       PREP table.
  2 OO DAY-OF-WEEK   A   7.0 N
       Each character is a flag for
       the day corresponding to the
       position. If the character
       has a value of 'X', then the
       action is scheduled for the
       corresponding day; if blank,
       it isn't scheduled. Loaded by
       LDAS into the DAY_OF_WEEK
       field in the TREAT_PREP table.
  1 PP MIN-WATER   P   5.0 N
       Minimum water consumption val-
       ue, expressed in decigrams.
       Loaded by LDAS into the MIN_-
       WATER field in the the TREAT-
       MENT table.
  1 QQ MAX-WATER   P   5.0 N
       Maximum water consumption val-
       ue, expressed in decigrams.
       Loaded by LDAS into the MAX_-
       WATER field in the the TREAT-
       MENT table.

FILE...: PAS_TREATMNT_SEG
TYPE...: USER VIEW
FILE-NR: 41
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

T L DB NAME   F   LENG S DE

  1 RR MIN-FOOD   P   5.0 N
     Minimum feed consumption val-
     ue, expressed in decigrams.
     Loaded by LDAS into the MIN_-
     FEED field in the the TREAT-
     MENT table.

  1 SS MAX-FOOD   P   5.0 N
     Maximum feed consumption val-
     ue, expressed in decigrams.
     Loaded by LDAS into the MAX_-
     FEED field in the the TREAT-
     MENT table.

  1 TT CURVE-NO   P   5.0 N
     The body weight growth curve
     that applies to the treatment
     group. Loaded by LDAS into
     the WEIGHT_CURVE field in the
     TREATMENT table. Foreign key
     to TBWEIGHTCURVE.

  1 SD SUPER-KEY   A   11.0   SP
     SOURCE FIELD(S) --- -START- --END-
     DATA-BASE-KEY   1   9
     ID-NO   1   2

     Used for indexed reads and
     discrete selections based on
     test number and treatment
     group ID. Primary key for
     table.

PAS_WGT_ITEMS

> View of weight group in-life protocol. Contains information about the
> weight groups to which cages are assigned. Specifies absolute minimum
> and maximum weights for used and full containers.

```
FILE...: PAS_WGT_ITEMS
TYPE...: USER VIEW
FILE-NR: 46
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --

  1 TC DATA-BASE-KEY               A   9.0   DE
        Composite field whose elements
        are the 2-digit agency number,
        which is always "05", and the
        7-digit experiment-test num-
        ber.  Foreign key to PAS_MAS-
        TER.
  1 TE DATA-DATE                    A   8.0 N
        The date, in TDMS TOX format,
        on which the record was added,
        or last modified.  (The TOX
        date is in the last 5 digits.)
  1 TF DATA-TIME                    A   6.0 N
        The time, in TDMS TOX format,
        at which the record was added,
        or last modified.  (The TOX
        time is in the last 5 digits.)
  1 TG DATA-FACILITY-NUMBER         N   5.0 N
        The ID number of the facility
        to which the entering operator
        is associated.  Historically,
        has always been 20 for NIEHS.
        Foreign key to TBFACLTY.
  1 TH OPERATOR-ID                  N   5.0 N
        ID of operator who entered, or
        last modified, the record.
        (By procedure, the ID should
        always belong to a liaison.)
        When appended to DATA-FACILI-
        TY-NUMBER, a foreign key to
        TB_OPERATOR_ID.
  1 TL ORG-OR-COR                   A   1.0 F
        Flag relating to a latent PEX/
```

```
FILE...: PAS_WGT_ITEMS
TYPE...: USER VIEW
FILE-NR: 46
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                          F   LENG S DE

       DOWNLOAD feature.  Always set
       to "O".
  1 TM REASON                        A   78.0 N
       Text relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TN COR-DATE                      A    8.0 N
       Date relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 TO COR-TIME                      A    6.0 N
       Time relating to a latent PEX/
       DOWNLOAD feature.  No values
       assigned.
  1 BB WGT-GRP-ID                    N    5.0 N
       Sequentially assigned ID,
       which is unique on a test, for
       a group of container weight
       items, and to which a cage is
       assigned in the cage census.
       Loaded by LDAS into the
       GROUP_NUM field in the
       WEIGHT_GROUP table.
  1 CC WGT-CT                        N    4.0 N
       Number of items detailed in
       the repeating group ANY-WGT-
       ITEM.  Should be equal to
       C*ANY-WGT-ITEM.
P 1 DD ANY-WGT-ITEM
       Repeating group embracing each
       weight object in the weight
       group.
  2 EE ITEM-ID                       N    2.0 N
       The weight object to which a
       weight range is assigned.
       Loaded by LDAS into the ITEM_-
       NUM field in the WEIGHT_GROUP
       table.  Foreign key to
       TBWGTOBJ.
  2 FF LOW-WEIGHT                    N    6.0 N
       The absolute minimum weight
```

Data Dictionary: TDMS   **106**   **TS-1005-2.2**

FILE...: PAS_WGT_ITEMS
TYPE...: USER VIEW
FILE-NR: 46
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                      F   LENG S DE

        for the weight object, ex-
        pressed in decigrams.  Loaded
        by LDAS into the MIN_WEIGHT
        field in the WEIGHT_GROUP tab-
        le.
  2 GG HI-WEIGHT                  N    6.0 N
        The absolute maximum weight
        for the weight object, ex-
        pressed in decigrams.  Loaded
        by LDAS into the MAX_WEIGHT
        field in the WEIGHT_GROUP tab-
        le.
  1 SD SUPER-KEY                  A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                 1      9
        WGT-GRP-ID                    1      2

        Used for indexed reads of the
        file, based on test number and
        weight group ID.  Primary key
        for the table.
```

4.2 EIS/ PEIS Views

TD-ANIMAL

> View embracing animal allocation, animal transfer, animal removal, histology number, "not examined", and uncertain cause-of-death segments. These segments are unique observations of animals.

```
FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AA TDA-EXP-TEST-ANIMAL-UQ       A   16.0   UQ
       Composite field whose elements
       are the 7-digit test number,
       the 4-digit number of the
       original cage to which the
       animal was allocated, and the
       5-digit animal number assigned
       at allocation.  The test and
       cage portions form a foreign
       key to TD-CAGE.
  1 AB TDA-ORIGINAL-CAGE-NUMBER-DE  N    4.0
       The number of the cage to
       which the animal was original-
       ly allocated.  Duplicate of
       cage number portion of TDA-
       EXP-TEST-ANIMAL-UQ.  Used by
       report queries for cage range
       selection.
  1 CA TDA-CARCASS-IDENTIFICATION-DE A   14.0 N DE
       Alternative primary key as-
       signed at removal and used for
       pathology record selection.
       Made depending on CID-FLAG in
       PAS_ANIMAL_ID.  In all cases,
       the first 9-digits are 05 and
       the 7-digit test number.  When
       CID-FLAG is 'C', the last 5
       5 digits are the 4-digit cage
       number and a 1-digit sequen-
```

FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ


```
T L DB NAME                       F   LENG S DE

      tial identifier for each animal-
      mal in the cage; when CID-FLAG
      is 'E', it is merely the animal-
      mal number.  (Animal numbers were not necessarily unique
      on older tests.)
  1 CB TDA-BALANCE-NUMBER-DE       N   5.0
      Legacy field. Formerly, the
      unique number of the balance
      used to determine the removal
      weight.  Still used in ECS
      and Update, although Update
      merely assigns the default
      value, which is 0.  Foreign
      key to TD-BALANCE.
  1 CC TDA-REASON-FOR-REMOVAL-DE   N   5.0 N
      The code for the removal rea-
      son that was assigned by the
      operator recording the remov-
      al.  Foreign key to TBCLOBSC.
  1 CD TDA-HOSPITAL-CAGE-DE        N   4.0 N
      If an animal has been trans-
      ferred from its original cage,
      this will contain the number
      of the cage to which it was
      transferred.  Used by EIS/PEIS
      reports for cage range selec-
      .
  1 AC TDA-ANIMAL-IDENTIFICATION   A   1.0 F
      Legacy field.  No values exist
      for field in database.  Refer-
      enced by Update and various
      report queries.
  1 AD TDA-ANIMAL-CLASS            N   5.0
      Animal class code associated
      with the test in protocol.
      (Animal class qualifiers are a
      legacy to TDMS, with no cur-
      rent use.  New tests are as-
      signed the code for "Not Ap-
      plicable.")  Referenced, but
```

FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ

T L DB NAME   F   LENG S DE

       not used, in report software.
       Foreign key to TBANCLQF.
 1 AE TDA-SEX   A   1.0 F
       Gender identifier. F for fe-
       males; M for males.
 1 AF TDA-SPECIES   N   5.0
       Code for species as assigned
       in test protocol. Foreign
       key to TBSTRAIN.
 1 AG TDA-STRAIN   N   5.0
       Code for species strain, as
       defined in test protocol.
       Foreign key to TBSTRAIN.
 1 AH TDA-SUBSTRAIN   N   5.0
       Substrain code associated with
       the test in protocol. (Sub-
       strains are a legacy to TDMS,
       with no current use. New
       tests are assigned the code
       for "Not Applicable.") Refer-
       enced, but not used, in report
       software. Foreign key to
       TBSUBSTR.
 1 AI TDA-ANIMAL-DATE   N   5.0
       The date, in TDMS TOX format,
       on which the transaction was
       created. Not used in report
       software, except for correc-
       ction history report, where
       changes to it are audited.
 1 AJ TDA-ANIMAL-TIME   N   5.0
       The time, in TDMS TOX format,
       at which the transaction was
       created. Not used in report
       software, except for correc-
       ction history report, where
       changes to it are audited.
 1 AK TDA-ANIMAL-OPERATOR-ID   N   5.0
       The ID of the operator who
       performed the allocation.
       Not used in report software.

```
FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ


T L DB NAME                          F   LENG S DE

       When appended to the appropri-
       ate facility code, a foreign
       key to TB_OPERATOR_ID.
  1 AL TDA-ANIMAL-ERROR-FLAG         A   1.0 F
       Flag indicating whether animal
       allocation segment was flagged
       as being in error upon update.
       N - No; Y - Yes.  Applies on-
       ly to early MODCOMP data.
  1 AM TDA-ACTION-OVERRIDE-FLAG-CID  A   1.0 F
       Flag indicating whether the
       scheduled CID assignment was
       overridden.  0 - Not overrid-
       den; 1 - Overridden.  Pertains
       only to MODCOMP tests.
  1 AN TDA-MANUAL-ENTRY-FLAG-CID     A   1.0 F
       Flag indicating whether CID
       assignment was made as part of
       a manual entry session.  0 -
       No; 1 - Yes.  Applies only to
       MODCOMP tests.
  1 AO TDA-REMOVAL-ACTION-FLAG-CID   A   1.0 F
       Flag indicating whether the
       CID assignment was a removal
       action.  0 - No; 1 - Yes.  CID
       assignment, by definition, is
       a removal action.  Hence, the
       value is always 1 when a CID
       has been assigned.  Pertains
       only to MODCOMP tests.
  1 AP TDA-BACKWARD-FORWARD-FLAG-CID A   1.0 F
       Flag indicating whether CID
       assignment was performed in
       scheduled order.  0 - Yes;
       1 - No.  Pertains only to
       MODCOMP tests.
```

```
FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ


T L DB NAME                              F   LENG S DE

  1 AQ TDA-EXPECTED-SELECTED-FLAG-CID    A   1.0 F
        Flag indicating whether CID
        assignment was a scheduled ac-
        .  0 - Yes; 1 - No.  Per-
        tains only to MODCOMP tests.
  1 AS TDA-ACTION-OVERRIDE-FLAG-REM      A   1.0 F
        Flag indicating whether the
        scheduled removal action was
        overridden.  0 - Not overrid-
        den; 1 - Overridden.  Pertains
        only to MODCOMP tests.
  1 AT TDA-MANUAL-ENTRY-FLAG-REM         A   1.0 F
        Flag indicating whether the
        removal was recorded as part
        of a manual data entry ses-
        sion.  0 - No; 1 - Yes.   Not
        used in report software.
  1 AU TDA-REMOVAL-ACTION-FLAG-REM       A   1.0 F
        Flag indicating whether the
        removal was a removal action.
        0 - No; 1 - Yes.  An animal
        removal, by definition, is a
        removal action.  Hence, the
        value is always 1 when a re-
        moval is recorded.  Pertains
        only to MODCOMP tests.
  1 AV TDA-BACKWARD-FORWARD-FLAG-REM     A   1.0 F
        Flag indicating whether animal
        removal was performed in the
        scheduled order.  0 - Yes;
        1 - No.  Pertains only to
        MODCOMP tests.
  1 AW TDA-EXPECTED-SELECTED-FLAG-REM    A   1.0 F
        Flag indicating whether animal
        removal was a scheduled ac-
        .  0 - Yes; 1 - No.  Per-
        tains only to MODCOMP tests.
  1 AX TDA-REMOVAL-DATE                  N   5.0 N
        Date, in TDMS TOX format, on
        which the removal was per-
        formed.
```

```
FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ
```

```
T L DB NAME                          F   LENG S DE

  1 CF TDA-REMOVAL-TIME              N    5.0 N
        Time, in TDMS TOX format, at
        which the removal was per-
        formed.
  1 CE TDA-REMOVAL-OPERATOR-ID       N    5.0 N
        The ID of the operator who
        performed the removal.  When
        appended to the appropriate
        facility code, a foreign key
        to TB_OPERATOR_ID.
  1 CG TDA-REMOVAL-ERROR-FLAG        A    1.0 F
        Flag indicating whether animal
        removal segment was flagged as
        being in error upon update.
        N - No; Y - Yes.  Applies on-
        ly to early MODCOMP data.
  1 CM TDA-REMOVED-DATE              N    5.0 N
        Date, in TDMS TOX format, on
        which the removal occurred.
        Duplicate of TDA-REMOVAL-DATE.
        Any historical distinction be-
        tween the two fields is no
        longer known.
  1 AY TDA-DAYS-ON-EXPERIMENT        N    5.0
        Number of days on experiment.
        The difference between the
        removal and allocation dates.
  1 AZ TDA-ACTION-OVERRIDE-FLAG-WGT  A    1.0 F
        Flag indicating whether the
        scheduled removal weight was
        overridden.  0 - Not overrid-
        den; 1 - Overridden.  Pertains
        only to MODCOMP tests.
  1 BA TDA-MANUAL-ENTRY-FLAG-WGT     A    1.0 F
        Flag indicating whether remov-
        al weight was recorded as part
        of a manual entry session. 0 -
        No; 1 - Yes.  Not used in re-
        port software, except Correc-
        History, where any
        changes to it are audited.
```

```
FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ


T L DB NAME                         F   LENG S DE

  1 BB TDA-REMOVAL-ACTION-FLAG-WGT   A   1.0 F
         Flag indicating whether the
         removal weight was a removal
         action.  0 - No; 1 - Yes.  A
         removal weight, by definition,
         is a removal action.  Hence,
         the value is always when a re-
         moval weight is recorded.
         Pertains only to MODCOMP
         tests.
  1 BC TDA-BACKWARD-FORWARD-FLAG-WGT A   1.0 F
         Flag indicating whether remov-
         al weight was performed in
         scheduled order.  0 - Yes;
         1 - No.  Pertains only to
         MODCOMP tests.
  1 BD TDA-EXPECTED-SELECTED-FLAG-WGT A  1.0 F
         Flag indicating whether remov-
         al weight was a scheduled ac-
         .  0 - Yes; 1 - No.  Per-
         tains only to MODCOMP tests.
  1 BE TDA-ANIMAL-REM-WEIGHT         N   10.0 N
         Weight, in decigrams, of the
         animal at removal.  Pre-LDAS
         removals where a weight was
         not recorded will show a value
         of 99999, which value is
         flagged by reports and dis-
         played as "OVERRIDE"; post-
         LDAS data where a weight was
         not recorded will show a val-
         ue of 0, and have a value as-
         signed to TDA-REM-WEIGHT-STAT-
         US.
  1 BF TDA-WEIGHT-OVERRIDE           A   1.0 F
         Flag indicating weight range
         validation.  A = Within range;
         + = Above range; - = Below
```

FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ


```
T L DB NAME                        F   LENG S DE

         range.  Applies only to MOD-
         COMP tests.
  1 BI TDA-ACTION-OVERRIDE-FLAG-OBS   A   1.0 F
         Flag indicating whether the
         scheduled removal observation
         action was overridden.  0 -
         Not overridden; 1 - Overrid-
         den.  Pertains only to MODCOMP
         tests.
  1 BJ TDA-MANUAL-ENTRY-FLAG-OBS     A   1.0 F
         Flag indicating whether remov-
         al observations were recorded
         as part of a manual entry ses-
         sion.  0 - No; 1 - Yes.  Not
         used in reports, except Corresponds-
         rection History, where any
         changes to it are audited.
  1 BK TDA-REMOVAL-ACTION-FLAG-OBS   A   1.0 F
         Flag indicating whether the
         removal observations were re-
         moval actions.  0 - No; 1 -
         Yes.  Removal observations, by
         definition, are removal ac-
         tions.  Hence, the value is
         always 1 when removal obser-
         vations are recorded.  Per-
         tains only to MODCOMP tests.
  1 BL TDA-BACKWARD-FORWARD-FLAG-OBS  A   1.0 F
         Flag indicating whether remov-
         al observations were performed
         in scheduled order.  0 - Yes;
         1 - No.  Pertains only to
         MODCOMP tests.
  1 BM TDA-EXPECTED-SELECTED-FLAG-OBS A   1.0 F
         Flag indicating whether remov-
         al observations were scheduled
         actions.  0 - Yes; 1 - No.
         Pertains only to MODCOMP
         tests.
M 1 BN TDA-DISPOSITION-CODE          N   5.0 N
         Legacy field with no meaning
```

FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ

```
T L DB NAME                          F   LENG S DE

        in TDMS.  Intended to be codes
        indicating the disposition of
        animals after removal.  No
        such codes exists in the TDMS
        tables.
  1 BP TDA-TRANSFER-DATE             N    5.0 N
        Date, in TDMS TOX format, on
        which animal was transferred
        to a hospital cage.
  1 BQ TDA-TRANSFER-TIME             N    5.0 N
        Time, in TDMS TOX format, at
        which animal was transferred
        to a hospital cage.
  1 BR TDA-TRANSFER-OPERATOR-ID      N    5.0 N
        ID of the operator who record-
        ed the transfer.  When append-
        ed to the appropriate facility
        code, a foreign key to
        TB_OPERATOR_ID.
  1 BS TDA-TRANSFER-ERROR-FLAG       A    1.0 F
        Flag indicating whether animal
        transfer segment was flagged
        as being in error upon update.
        N - No; Y - Yes.  Applies only
        to early MODCOMP data.
  1 BT TDA-PATHOLOGIST-IDENTIFICATION N    5.0
        Operator ID of the pathologist
        assigned to the test when the
        histology number was assigned.
        Not used in report software.
        When appended to the appropri-
        ate facility code, a foreign
        key to TB_OPERATOR_ID.
  1 BU TDA-HISTOLOGY-NUMBER-DATE     N    5.0 N
        Date, in TDMS TOX format, on
        which the histology number was
        assigned.  Not used in report
```

FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ

T L DB NAME   F   LENG S DE

      software.
  1 BV TDA-HISTOLOGY-NUMBER-TIME   N   5.0 N
      Time, in TDMS TOX format, at
      which the histology number was
      assigned. Not used in report
      software.
  1 BW TDA-HISTOLOGY-NUM-OPERATOR-ID N   5.0 N
      ID of the operator who record-
      ed the histology number as-
      signment. Not used in report
      software. When appended to the
      appropriate facility code, a
      foreign key to TB_OPERATOR_ID.
  1 BY TDA-HISTOLOGY-NUM-ERROR-FLAG   A   1.0 F
      Flag indicating whether trans-
      action was flagged as being in
      error by Update. N - No; Y -
      Yes. Applies only to early
      MODCOMP data.
  1 BX TDA-HISTOLOGY-NUMBER   A   16.0 N
      Lab-specific identification
      number for carcasses.
  1 BZ TDA-PATHOLOGIST-TYPE   A   1.0 F
      Code identifying operator type
      of pathologist assigned to the
      test. If TDMS were to have
      assigned values, they would
      have been 'A' (MODCOMP) or 'P'
      (LDAS), but no values have
      ever been assigned.
  1 EA TDA-REM-WEIGHT-STATUS   P   5.0 F
      Code for weight status that
      describes the reason why a re-
      moval weight wasn't recorded.
      (TDA-ANIMAL-REM-WEIGHT should
      have a value of 0 if this
      field has a non-0 value.)
      A foreign key to TBWGTSTATUS.
P 1 FA TDA-OBSERVATION-DATA
      Repeating group embracing
      each removal observation.

```
FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ


T L DB NAME                         F   LENG S DE

  2 FB TDA-OBSERVATION             P   5.0 N
        Code for clinical sign object-
        served at removal.  A foreign
        key to TBCLOBSC.
  2 FC TDA-SITE                    P   5.0 N
        Code for in-life site where
        clinical sign was observed.
        (Only  applicable for certain
        clinical signs, as defined in
        the TDMS tables.)  A foreign
        key to TBCLOBSC.
  2 FD TDA-EIQUAL1                 P   5.0 N
        Code for in-life size description-
        cribing clinical sign.  (Only
        applicable for certain clini-
        cal signs, as defined in the
        TDMS tables.)  A foreign key
        to TBCLOBSC.
  2 FE TDA-EIQUAL2                 P   5.0 N
        Code for in-life count description-
        cribing clinical sign.  (Only
        applicable for certain clini-
        cal signs, as defined in the
        TDMS tables.)  A foreign key
        to TBCLOBSC.
  1 AR TDA-NO-EXAM-PATHOLOGIST     P   5.0 N
        Operator ID of pathologist
        assigned to the test when the
        "not examined" status is re-
        corded.  Not used in report
        software.   When appended to
        the appropriate facility code,
        a foreign key to TB_OPERATOR-
        _ID.
  1 A0 TDA-NO-EXAM-OPERATOR-ID     P   5.0 N
        ID of operator who recorded
        the "not examined" status.
        Not used in report software.
        When appended to the appropri-
        ate facility code, a foreign
        key to TB_OPERATOR_ID.
```

FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ


```
T L DB NAME                            F   LENG S DE

  1 A1 TDA-NO-EXAM-DATE                P    5.0 N DE
        Date, in TDMS TOX format, on
        which the "not examined" stat-
        us was recorded.  Used by re-
        ports to flag whether such a
        status was assigned.
  1 A2 TDA-NO-EXAM-TIME                P    5.0 N
        Time, in TDMS TOX format, at
        which the "not examined" stat-
        us was recorded.  Not used by
        reports.
  1 A3 TDA-UNCERTAIN-PATHOLOGIST       P    5.0 N
        Operator ID of pathologist as-
        signed to the test when the
        uncertain cause-of-death is
        recorded.  Not used in report
        software.  When appended to
        the appropriate facility code,
        a foreign key to TB_OPERATOR-
        _ID.
  1 A4 TDA-UNCERTAIN-OPERATOR-ID       P    5.0 N
        ID of operator who recorded
        the uncertain cause-of-death.
        Not used in report software.
        When appended to the appropri-
        ate facility code, a foreign
        key to TB_OPERATOR_ID.
  1 A5 TDA-UNCERTAIN-DATE              P    5.0 N
        Date, in TDMS TOX format, on
        which the uncertain cause-of-
        death was recorded.  Used by
        reports to flag whether an un-
        certain cause-of-death was re-
        corded.
  1 A6 TDA-UNCERTAIN-TIME              P    5.0 N
        Time, in TDMS TOX format, at
        which the uncertain cause-of-
        death was recorded.  Not used
        in report software.
```

FILE...: TD-ANIMAL
TYPE...: USER VIEW
FILE-NR: 103
PRIMARY SEQUENCE FIELD: TDA-EXP-TEST-ANIMAL-UQ


```
T L DB NAME                        F   LENG S DE

  1 DP TDA-EXP-TEST-ANIMAL-SP      A   12.0   SP
         SOURCE FIELD(S) --- -START- --END-
       EXP-TEST-ANIMAL                  1     7
       EXP-TEST-ANIMAL                  12    16


       Superdescriptor based on
       test number and animal number
       portions of the primary key.
       Refer to ANIMAL-EIS field
       descriptions for source field
       details.
  1 CN TDA-EXP-TEST-HOSPITAL-CAGE-SP    A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
       EXP-TEST-ANIMAL                  1     7
       HOSPITAL-CAGE                    1     4


       Superkey used to select trans-
       ferred animals.  A foreign
       key to TD-CAGE.  See ANIMAL-
       EIS field descriptions for
       source field information.
```

TD-ANIMAL-DATA
>   View embracing animal weight, animal observation, and in-life animal
>   note segments.

```
FILE...: TD-ANIMAL-DATA
TYPE...: USER VIEW
FILE-NR: 106
PRIMARY SEQUENCE FIELD: TDD-EXP-TEST-ANIMAL-DATE-DE
```

```
T L DB NAME                       F   LENG S DE
- - -- -- - - --
  1 AA TDD-EXP-TEST-ANIMAL-DATE-DE  A   21.0   DE
         Composite field whose elements
         are the 7-digit test number,
         the 4-digit number of the ori-
         ginal cage to which the animal
         was allocated, the 5-digit
         animal number assigned at al-
         location, and the 5-digit
         date, in TDMS TOX format, on
         which the observation was re-
         corded.  The test, cage, and
         animal portions form a for-
         eign key to TD-ANIMAL.
  1 AL TDD-BALANCE-NUMBER-DE        N    5.0 N
         Legacy field.  Formerly, the
         unique balance number on which
         the weight was recorded; cur-
         rently, Update assigns a 0.
         A foreign key to TD-BALANCE.
  1 AB TDD-WEIGHT-TIME              N    5.0 N
         The time, in TDMS TOX format,
         at which the transaction was
         created.
  1 AC TDD-ANIMAL-WEIGHT            N   10.0 N
         The weight of the animal, in
         decigrams.  Pre-LDAS records
         where a weight was not re-
         corded will show a value of
         99999, which value is flagged
         by reports and displayed as
         "OVERRIDE"; post-LDAS data
         where a weight was not record-
         ed will show a value of 0, and
         have a value assigned to TDD-
```

FILE...: TD-ANIMAL-DATA
TYPE...: USER VIEW
FILE-NR: 106
PRIMARY SEQUENCE FIELD: TDD-EXP-TEST-ANIMAL-DATE-DE

```
T L DB NAME                        F   LENG S DE

      WEIGHT-STATUS.
  1 AD TDD-WEIGHT-OPERATOR-ID       N    5.0 N
      The ID of the operator who
      performed the allocation.
      When appended to the appropri-
      ate facility code, a foreign
      key to TB_OPERATOR_ID.
  1 AE TDD-WEIGHT-ERROR-FLAG        A    1.0 F
      Flag indicating whether weight
      segment record was flagged as
      being in error at time of Up-
      date.  N - No; Y - Yes.  Ap-
      plies only to early MODCOMP
      data.
  1 AF TDD-ACTION-OVERRIDE-FLAG-WGT A    1.0 F
      Flag indicating whether the
      scheduled weight action was
      overridden. 0 - No; 1 - Yes.
      Pertains only to MODCOMP
      tests.
  1 AG TDD-MANUAL-ENTRY-FLAG-WGT    A    1.0 F
      Flag indicating whether the
      weight was recorded as part of
      a manual data entry session.
      0 - No; 1 - Yes.
  1 AH TDD-REMOVAL-ACTION-FLAG-WGT  A    1.0 F
      Flag indicating whether weight
      was a removal action.  0 - No;
      1 - Yes.  Pertains only to
      MODCOMP tests.
  1 AI TDD-BACKWARD-FORWARD-FLAG-WGT A   1.0 F
      Flag indicating whether weight
      was recorded in scheduled ord-
      er.  0 - Yes; 1 - No.  Per-
      tains only to MODCOMP tests.
  1 AJ TDD-EXPECTED-SELECTED-FLAG-WGT A  1.0 F
      Flag indicating whether weight
```

FILE...: TD-ANIMAL-DATA
TYPE...: USER VIEW
FILE-NR: 106
PRIMARY SEQUENCE FIELD: TDD-EXP-TEST-ANIMAL-DATE-DE

T L DB NAME   F   LENG S DE

      was a scheduled action. 0 -
      Yes; 1 - No. Pertains only
      to MODCOMP tests.

 1 AK TDD-WEIGHT-OVERRIDE   A   1.0 F
      Flag indicating whether weight
      was within acceptable range.
      A = Within range; + = Above
      range; - = Below range. Ap-
      plies only to MODCOMP tests.

 1 BB TDD-OBSERVATION-TIME   N   5.0 N
      Time, in TDMS TOX format, at
      which the observations were
      recorded.

 1 AM TDD-OBSERVATION-OPERATOR-ID N   5.0 N
      ID of the operator who record-
      ed the observations. When
      appended to the appropriate
      facility code, a foreign key
      to TB_OPERATOR_ID.

 1 AN TDD-OBSERVATION-ERROR-FLAG   A   1.0 F
      Flag indicating whether obser-
      vation record was flagged as
      being in error at time of Up-
      date. N - No; Y - Yes. Ap-
      plies only to early MODCOMP
      data.

 1 AO TDD-ACTION-OVERRIDE-FLAG-OBS A   1.0 F
      Flag indicating whether the
      scheduled observation action
      was overridden. 0 - No; 1 -
      Yes. Pertains only to MODCOMP
      tests.

 1 AP TDD-MANUAL-ENTRY-FLAG-OBS   A   1.0 F
      Flag indicating whether the
      observation was recorded as
      part of a manual data entry
      session. 0 - No; 1 - Yes.

 1 AQ TDD-REMOVAL-ACTION-FLAG-OBS A   1.0 F
      Flag indicating whether obser-
      vation was a removal action.
      0 - No; 1 - Yes. Pertains on-

```
FILE...: TD-ANIMAL-DATA
TYPE...: USER VIEW
FILE-NR: 106
PRIMARY SEQUENCE FIELD: TDD-EXP-TEST-ANIMAL-DATE-DE


T L DB NAME                        F   LENG S DE

     ly to MODCOMP tests.
  1 AR TDD-BACKWARD-FORWARD-FLAG-OBS  A   1.0 F
        Flag indicating whether obser-
        vation was recorded in sched-
        uled order.  0 - Yes; 1 - No.
        tains only to MODCOMP tests.
  1 AS TDD-EXPECTED-SELECTED-FLAG-OBS A   1.0 F
        Flag indicating whether obser-
        vation was a scheduled action.
        0 - Yes; 1 - No.  Pertains on-
        ly to MODCOMP tests.
  1 AT TDD-NOTE-OPERATOR-ID        N   5.0 N
        ID of the operator who entered
        the in-life animal note.  When
        appended to the appropriate
        facility code, a foreign key
        to TB_OPERATOR_ID.
  1 BC TDD-NOTE-TIME               N   5.0 N
        Time, in TDMS TOX format, at
        which the note was entered.
  1 AU TDD-NOTE-ERROR-FLAG         A   1.0 F
        Flag indicating whether note
        segment record was flagged as
        being in error at time of Up-
        date.  N - No; Y - Yes.  Ap-
        plies only to early MODCOMP
        tests.
  1 AV TDD-ACTION-NUMBER           N   5.0 N
        The code for the action assoc-
        iated with the observation.
        Only relevant for pre-removal
        observation version of MOD-
        COMP.  A foreign key to
        TBACTONC.
  1 AW TDD-ANIMAL-NOTE             A  80.0 N
        Free text describing, explain-
        ing, or commenting on the
```

FILE...: TD-ANIMAL-DATA
TYPE...: USER VIEW
FILE-NR: 106
PRIMARY SEQUENCE FIELD: TDD-EXP-TEST-ANIMAL-DATE-DE

```
T L DB NAME                        F   LENG S DE

        animal, or observations of the
        animal.
P 1 DA TDD-OBSERVATION-DATA
        Repeating group contain clini-
        cal observations.
  2 DB TDD-OBSERVATION             N    5.0 N
        Codes for clinical signs object-
        served on the animal.  A for-
        eign key to TBCLOBSC.
  2 DC TDD-SITE                    N    5.0 N
        Codes for in-life sites where
        clinical sign was observed.
        (Only  applicable for certain
        clinical signs, as defined in
        the TDMS tables.)  A foreign
        key to TBCLOBSC.
  2 DD TDD-EIQUAL1                 N    5.0 N
        Codes for in-life sizes description-
        cribing clinical signs.  (Only
        applicable for certain clini-
        cal signs, as defined in the
        TDMS tables.)  A foreign key
        to TBCLOBSC.
  2 DE TDD-EIQUAL2                 N    5.0 N
        Codes for in-life counts description-
        cribing clinical signs.  (Only
        applicable for certain clini-
        cal signs, as defined in the
        TDMS tables.)  A foreign key
        to TBCLOBSC.
  1 DF TDD-MANUAL-ENTRY-FLAG-NOTE  A    1.0 F
        Flag indicating whether note
        was recorded as part of a man-
        ual entry session.  0-No; 1-
        Yes.
  1 DG TDD-WEIGHT-STATUS           P    5.0 N
        Code for weight status that
        describes the reason why a
```

FILE...: TD-ANIMAL-DATA
TYPE...: USER VIEW
FILE-NR: 106
PRIMARY SEQUENCE FIELD: TDD-EXP-TEST-ANIMAL-DATE-DE

T L DB NAME   F   LENG S DE

          weight wasn't recorded. (TDD-
          ANIMAL-WEIGHT should be 0 if
          this field has a non-0 value.)
          Foreign key to TBWGTSTATUS.

TD-BALANCE
View of balance information. Some reports access this view.

```
FILE...: TD-BALANCE
TYPE...: USER VIEW
FILE-NR: 104
PRIMARY SEQUENCE FIELD: TDB-BALANCE-NUMBER-UQ
```

```
T L DB NAME                      F    LENG S DE
- - --  -- - - --
  1 AA TDB-BALANCE-NUMBER-UQ      N    5.0 F DE
      The unique ID number for a
      balance used to weigh animals
      and containers.
  1 AB TDB-AGENCY-NUMBER          N    2.0 F
      The agency.  Foreign key to
      TBAGENCY.
  1 AC TDB-WEIGHT-UNIT-CODE       N    5.0 F
      The unit of measure.  Foreign
      key to TBUNITS.
```

TD-BALANCE-CALIBRATION

> View of balance calibration data. Although this file is updated daily, no data in it is retrieved by any TDMS software.

```
FILE...: TD-BALANCE-CALIBRATION
TYPE...: USER VIEW
FILE-NR: 102
PRIMARY SEQUENCE FIELD: TDF-EXP-TEST-DATE-DE


T L DB NAME                         F   LENG S DE
- - --  -- - - --
  1 AA TDF-EXP-TEST-DATE-DE         N   12.0   DE
       Composite field whose elements
       are the 7-digit test number
       and the 5-digit date, in TDMS
       TOX format, on which the cali-
       bration data was recorded.
       The test portion is a foreign
       key to TD-TEST.
  1 AB TDF-BALANCE-NUMBER-DE        N    5.0
       The balance on which the cali-
       bration data was recorded.
       Foreign key to TD-BALANCE.
P 1 AC TDF-CALIBRATION-WEIGHT-DATA
       Repeating group embracing
       calibration weight details.
  2 AD TDF-CALIBRATION-WEIGHT       N    5.0 N
       The weight, in grams, of the
       calibration object.
  2 AE TDF-WEIGHT-OVERRIDE          A    1.0 N
       Flag indicating whether the
       weight was within the speci-
       fied range.  A = Within range;
       + = Above range; - = Below
       range.  Applies only to MOD-
       COMP tests.
  1 AF TDF-TIME                     N    5.0
       Time, in TDMS TOX format, at
       which the calibration data was
       recorded.
  1 AG TDF-OPERATOR-IDENTIFICATION  N    5.0
       The operator who recorded the
       calibration data.  When ap-
       pended to the appropriate fa-
       cility code, a foreign key to
```

FILE...: TD-BALANCE-CALIBRATION
TYPE...: USER VIEW
FILE-NR: 102
PRIMARY SEQUENCE FIELD: TDF-EXP-TEST-DATE-DE

```
T L DB NAME                           F    LENG S DE


      TB_OPERATOR_ID.
  1 AH TDF-ERROR-FLAG                  A    1.0 F
      Flag indicating whether bal-
      ance calibration transaction
      was flagged by Update as being
      in error.  N - No; Y - Yes.
      Applies only to early MODCOMP
      data.
  1 AI TDF-CALI-MANUAL-FLAG            A    1.0 F
      Flag indicating whether cali-
      bration data was recorded as
      part of a manual entry ses-
      sion. 0 - No; 1 - Yes.
```

FILE-NR:

TD-CAGE

View embracing the cage segment and the defunct "cage aborted" segment.

```
FILE...: TD-CAGE
TYPE...: USER VIEW
FILE-NR: 105
PRIMARY SEQUENCE FIELD: TDC-EXP-TEST-CAGE-UQ


T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AA TDC-EXP-TEST-CAGE-UQ        N   11.0 F DE
        Composite field whose elements
        are the 7-digit test number
        and the 4-digit cage-number.
        The test number portion is a
        foreign key to TD-TEST.
  1 AB TDC-CAGE-OPERATOR-ID        N    5.0 N
        ID of the operator who per-
        formed the cage initializa-
        .  Not used in report
        software.  When appended to
        the appropriate facility code,
        a foreign key to TB_OPERATOR-
        _ID.
  1 AC TDC-CAGE-ERROR-FLAG         A    1.0 F
        Flag indicating whether trans-
        action was flagged by Update
        as being in error.  N - No;
        Y - Yes.  Pertains only to
        early MODCOMP data.
  1 AD TDC-CAGE-DATE               N    5.0 N
        Date, in TDMS TOX format, on
        which cage initialization was
        performed.  Not used in re-
        port software, except in the
        correction history, where
        changes to it are audited.
  1 AE TDC-CAGE-TIME               N    5.0 N
        Time, in TDMS TOX format, at
        which cage initialization was
        performed.  Not used in re-
        port software, except in the
        correction history, where
        changes to it are audited.
```

```
FILE...: TD-CAGE
TYPE...: USER VIEW
FILE-NR: 105
PRIMARY SEQUENCE FIELD: TDC-EXP-TEST-CAGE-UQ


T L DB NAME                        F   LENG S DE

  1 AF TDC-TREATMENT-NUMBER        N    3.0 F
        ID of treatment group to which
        the cage belongs, as defined
        in test protocol.  When ap-
        pended to the appropriate
        agency code and test number,
        a foreign key to PAS_TREATMNT-
        _SEG.
  1 AG TDC-PROCEDURE-ACTION-SET-NUM N    5.0 N
        Number of the procedure action
        set to which the cage was as-
        signed in test protocol.  Not
        used in report software.  When
        appended to the appropriate
        agency number and test number,
        a foreign key to PAS_PROCEDUR-
        _SEG.
  1 AH TDC-START-DATE              N    5.0 N
        Date, in TDMS TOX format, on
        which the cage started.  For
        pre-LDAS studies, this should
        be the same as TDC-CAGE-DATE;
        for post-LDAS studies, this
        is the first day-on-dose.
  1 AI TDC-AREA-NUMBER             N    5.0 N
        Number of the area to which
        the cage was assigned in test
        protocol.  Not used in report
        software.
  1 AJ TDC-ABORT-DATE              N    5.0 N
        Date, in TDMS TOX format, when
        cage was aborted.  (Cage abort
        data has never been part of
        TDMS.)
  1 AK TDC-ABORT-TIME              N    5.0 N
        Time, in TDMS TOX format, when
        cage was aborted.  (Cage Abort
```

FILE...: TD-CAGE
TYPE...: USER VIEW
FILE-NR: 105
PRIMARY SEQUENCE FIELD: TDC-EXP-TEST-CAGE-UQ

T L DB NAME   F   LENG S DE

```
        data has never been part of
        TDMS.)
  1 AL TDC-ABORT-OPERATOR-ID         N    5.0 N
        ID of operator performing cage
        abort.  (Cage abort data has
        never been part of TDMS.)
        When appended to the appropri-
        ate facility code, a foreign
        key to TB_OPERATOR_ID.
  1 AM TDC-ABORT-ERROR-FLAG          A    1.0 F
        Flag indicating whether cage
        abort transaction was flagged
        by Update as being in error.
        (Cage abort data has never
        been part of TDMS.)
  1 AN TDC-ABORTED-DATE              N    5.0 N
        Date, in TDMS TOX format, when
        cage was aborted.  (Cage abort
        data has never been part of
        TDMS.)
  1 AO TDC-EXP-TEST-TREATMENT-SP     N   10.0   SP
         SOURCE FIELD(S) --- -START- --END-
        >>> SOURCE FIELD(S) NOT SPECIFIED <<<

        Super-key used to select all
        cages in a treatment group.
  1 AP TDC-EXP-TEST-TREATMENT-CAGE-SP  N   14.0   SP
         SOURCE FIELD(S) --- -START- --END-
        >>> SOURCE FIELD(S) NOT SPECIFIED <<<

        Used to read cage records
        logically in treatment-cage
        sequence.
  1 AQ TDC-EXP-TEST-SP               N    7.0   SP
         SOURCE FIELD(S) --- -START- --END-
        >>> SOURCE FIELD(S) NOT SPECIFIED <<<

        Used to select all cage re-
        cords for a specific test
        number.
```

TD-CAGE-DATA

> View embracing feeder weight, bottle weight, cage note, feed
> consumption, water consumption, cage observation, and misidentified
> animals. (The last four are inactive.)

```
FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE
```

```
T L DB NAME                     F   LENG S DE
- - --  -- - - --

  1 AA TDG-EXP-TEST-CAGE-DATE-DE   N   16.0   DE
       Composite field whose elements
       are the 7-digit test number,
       the 4-digit number of the
       cage, and the 5-digit date, in
       in TDMS TOX format, on which
       the weights or note was re-
       corded.  The test and cage
       number portion form a foreign
       key to TD-CAGE.
  1 AY TDG-FEEDER-BALANCE-NUMBER-DE   N   5.0 N
       Legacy field.  Formerly, the
       balance number on which the
       weight was recorded; current-
       ly, Update assigns a 0.  A
       foreign key TD-BALANCE.
  1 BV TDG-BOTTLE-BALANCE-NUMBER-DE   N   5.0 N
       Legacy field.  Formerly, the
       balance number on which the
       weight was recorded; current-
       ly, Update assigns a 0.  A
       foreign key to TD-BALANCE.
  1 AB TDG-FEEDER-TIME            N   5.0 N
       Time, in TDMS TOX format, at
       which the feeder weight was
       recorded.
  1 AC TDG-FEEDER-OPERATOR-ID     N   5.0 N
       The operator who recorded the
       feeder weight.  When appended
       to the appropriate facility
       code, a foreign key to
       TB_OPERATOR_ID.
```

FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE


```
T L DB NAME                        F   LENG S DE

  1 AD TDG-FEEDER-ERROR-FLAG       A    1.0 F
       Flag indicating whether the
       feeder weight transaction was
       flagged in error by Update.
       N - No; Y - Yes.  Applies only
       to early MODCOMP data.
  1 AE TDG-FEED-CONSUMED-BY-CAGE   N   10.0 N
       The weight of food consumed
       by all animals in the cage
       during monitoring period,
       measured in decigrams.  Cal-
       culated by subtracting used
       feeder weight from full feeder
       weight.  Pertains only to
       MODCOMP tests.  (Since 1989,
       consumption values have been
       dynamically calculated by
       reports themselves, due to
       design-related problems main-
       taining integrity of stored
       consumption values whose cal-
       culation was based on other
       stored values.)
  1 AF TDG-HOURS-FEEDER-IN-CAGE    N    5.0 N
       Hours feeder was in the cage.
       Calculated by subtracting used
       feeder weight date and time
       from full feeder weight date
       and time.  Pertains only to
       MODCOMP data.  (Since 1989,
       hours-in-cage values have been
       dynamically calculated by
reports themselves, due to
       design-related problems main-
       taining integrity of stored
       calculated values whose cal-
       culations were based on other
       stored values.)
```

```
FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE


T L DB NAME                           F   LENG S DE

  1 AG TDG-AVG-FEED-PER-ANIMAL-HOUR   N    5.5 N
        The average amount of feed
        consumed by an animal, meas-
        ured as decigrams/hour.  Cal-
        culated by dividing feed con-
        sumption by animal hours-in-
        cage. Pertains only to MODCOMP
        data.  (Since 1989, average
        feed per animal hour values
        have been dynamically calcul-
        ated by reports themselves due
        to design-related problems
        maintaining integrity of
        stored calculated values whose
        calculations were based on
        other stored values.)
  1 AH TDG-FEEDER-ANIMAL-HOURS-USED   N    5.0 N
        The sum of the hours each animal-
        mal was in the cage during
        the monitoring period.  Cal-
        culated by multiplying the
        hours the feeder was in the
        cage by the number of animals
        in the cage.  Pertains only to
        MODCOMP data.  (Since 1989,
        animal hour values have been
        dynamically calculated by the
        reports themselves due to de-
        sign-related problems main-
        taining integrity of stored,
        calculated values whose cal-
        culations were based on oth-
        er stored values.)
  1 AI TDG-ACT-OVERRIDE-FLAG-OLD-FEED  A   1.0 F
        Flag indicating whether the
        scheduled used feeder weight
        action was overridden. 0 - No;
        1 - Yes.  Applies only to MOD-
        COMP data.
  1 AJ TDG-MANUAL-ENTRY-FLAG-OLD-FEED  A   1.0 F
        Flag indicating whether used
```

```
FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE
```

```
T L DB NAME                           F    LENG S DE
       feeder weight was recorded as
       part of a manual entry ses-
       sion. 0 - No; 1 - Yes.
  1 AK TDG-REMOVAL-ACT-FLAG-OLD-FEED   A    1.0 F
       Flag indicating whether the
       used feeder weight is a remov-
       al action.  0 - No; 1 - Yes.
       Pertains only to MODCOMP data.
  1 AL TDG-BACK-FORWARD-FLAG-OLD-FEED  A    1.0 F
       Flag indicating whether used
       feeder weight was recorded in
       scheduled order.  0 - Yes; 1 -
       No.  Pertains only to MODCOMP
       data.
  1 AM TDG-EXP-SELECTED-FLAG-OLD-FEED  A    1.0 F
       Flag indicating whether used
       feeder weight was a scheduled
       action.  0 - Yes; 1 - No.
       Pertains only to MODCOMP data.
  1 AN TDG-OLD-FEEDER-MIX-NUMBER       N    10.0 N
       Legacy field with no meaning
       in TDMS.
  1 AO TDG-OLD-FEEDER-WEIGHT           N    10.0 N
       The weight of the used feeder,
       in decigrams.  Pre-LDAS re-
       cords where a weight was not
       recorded will show a value of
       99999, which value is flagged
       by reports and displayed as
       "OVERRIDE"; post-LDAS data
       where a weight was not record-
       ed will show a value of 0, and
       have a value assigned to TDG-
       OLD-FEEDER-STATUS.
  1 AP TDG-OLD-FEEDER-WEIGHT-OVERRIDE  A    1.0 F
       Flag indicating whether used
       feeder weight was with accep-
       table range.  A = Within
       range; + = Above range; - =
       Below range.  Pertains only to
       MODCOMP data.
```

```
FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE
```

```
T L DB NAME                           F   LENG S DE
  1 AQ TDG-ACT-OVERRIDE-FLAG-NEW-FEED  A   1.0 F
        Flag indicating whether the
        scheduled full feeder weight
        action was overridden. 0 - No;
        1 - Yes.  Applies only to MOD-
        COMP data.
  1 AR TDG-MANUAL-ENTRY-FLAG-NEW-FEED  A   1.0 F
        Flag indicating whether the
        full feeder weight was record-
        ed as part of manual entry
        session.  0 - No; 1 - Yes.
  1 AS TDG-REMOVAL-ACT-FLAG-NEW-FEED   A   1.0 F
        Flag indicating whether the
        full feeder weight is a remov-
        al action.  0 - No; 1 - Yes.
        Pertains only to MODCOMP data.
  1 AT TDG-BACK-FORWARD-FLAG-NEW-FEED  A   1.0 F
        Flag indicating whether full
        feeder weight was recorded in
        scheduled order.  0 - Yes; 1 -
        No.  Pertains only to MODCOMP
        data.
  1 AU TDG-EXP-SELECTED-FLAG-NEW-FEED  A   1.0 F
        Flag indicating whether full
        feeder weight was a scheduled
        action.  0 - Yes; 1 - No.
        Pertains only to MODCOMP data.
  1 AV TDG-NEW-FEEDER-MIX-NUMBER       N  10.0 N
        Legacy field with no meaning
        in TDMS.
  1 AW TDG-NEW-FEEDER-WEIGHT           N  10.0 N
        Weight, in decigrams, of the
        full feeder.
  1 AX TDG-NEW-FEEDER-WEIGHT-OVERRIDE  A   1.0 F
        Flag indicating whether full
        feeder weight was with accep-
        table range.  A = Within
        range; + = Above range; - =
        Below range.  Pertains only to
        MODCOMP data.
  1 CL TDG-WATER-TIME                  N   5.0 N
        Time, in TDMS TOX format, at
```

```
FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE


T L DB NAME                       F   LENG S DE
       which the bottle weight was
       recorded.
  1 AZ TDG-WATER-OPERATOR-ID       N    5.0 N
       The operator who recorded the
       bottle weight.  When appended
       to the appropriate facility
       code, a foreign key to
       TB_OPERATOR_ID.
  1 BA TDG-WATER-ERROR-FLAG        A    1.0 F
       Flag indicating whether bottle
       weight transaction was flagged
       as being in error by Update.
       N - No; Y - Yes.  Applies only
       to early MODCOMP data.
  1 BB TDG-WATER-CONSUMED-BY-CAGE  N   10.0 N
       The weight of water consumed
       by all animals in the cage
       during monitoring period,
       measured in decigrams.  Cal-
       culated by subtracting used
       bottle weight from full bottle
       weight.  Pertains only to
       MODCOMP tests.  (Since 1989,
       consumption values have been
       dynamically calculated by
       reports themselves, due to
       design-related problems main-
       taining integrity of stored
       consumption values whose cal-
       culation was based on other
       stored values.)
  1 BC TDG-AVG-WATER-PER-ANIMAL-HOUR  N   5.5 N
       The average amount of water
       consumed by an animal, meas-
       ured as decigrams/hour.  Cal-
       culated by dividing water con-
       sumption by animal hours-in-
       cage. Pertains only to MODCOMP
       tests.  (Since 1989, average
       water per animal hour values
       have been dynamically calcul-
```

FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE


```
T L DB NAME                      F   LENG S DE

      ated by reports themselves due
      to design-related problems
      maintaining integrity of
      stored calculated values whose
      calculations were based on
      other stored values.)
  1 BD TDG-HOURS-BOTTLE-IN-CAGE      N   5.0 N
      Hours bottle was in the cage.
      Calculated by subtracting used
      bottle weight date and time
      from full bottle weight date
      and time.  Pertains only to
      MODCOMP data.  (Since 1989,
      hours-in-cage values have been
      dynamically calculated by re-
      ports themselves, due to de-
      sign-related problems main-
      taining stored calculated val-
      ues whose calculations were
      based on other stored values.)
  1 BE TDG-BOTTLE-ANIMAL-HOURS-USED   N   5.0 N
      The sum of the hours each animal-
      mal was in the cage during
      the monitoring period.  Cal-
      culated by multiply the hours
      the bottle was in the cage by
      the number of animals in the
      cage.  Pertains only to MOD-
      COMP data.  (Since 1989, animal-
      mal hour values have been dy-
      namically calculated by the
      reports themselves due to
      design-related problems main-
      taining integrity of stored,
      calculated values whose cal-
      culations were based on oth-
      er stored values.)
  1 BF TDG-ACT-OVERRIDE-FLAG-OLD-BOTT  A   1.0 F
      Flag indicating whether the
      scheduled used bottle weight
      action was overridden. 0 - No;
```

FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE

T L DB NAME   F   LENG S DE

```
       1 - Yes.  Applies only to MOD-
       COMP data.
  1 BG TDG-MANUAL-ENTRY-FLAG-OLD-BOTT  A   1.0 F
       Flag indicating whether the
       used bottle weight was record-
       ed as part of a manual entry
       session.  0 - No; 1 - Yes.
  1 BH TDG-REMOVAL-ACT-FLAG-OLD-BOTT   A   1.0 F
       Flag indicating whether the
       used bottle weight is a remov-
       al action.  0 - No; 1 - Yes.
       Pertains only to MODCOMP data.
  1 BI TDG-BACK-FORWARD-FLAG-OLD-BOTT  A   1.0 F
       Flag indicating whether used
       bottle weight was recorded in
       scheduled order.  0 - Yes; 1 -
       No.  Pertains only to MODCOMP
       data.
  1 BJ TDG-EXP-SELECTED-FLAG-OLD-BOTT  A   1.0 F
       Flag indicating whether used
       bottle weight was a scheduled
       action.  0 - Yes; 1 - No.
       Pertains only to MODCOMP data.
  1 BK TDG-OLD-BOTTLE-MIX-NUMBER       N  10.0 N
       Legacy field with no meaning
       in TDMS.
  1 BL TDG-OLD-BOTTLE-WEIGHT           N  10.0 N
       The weight of the used bottle,
       in decigrams.  Pre-LDAS re-
       cords where a weight was not
       recorded will show a value of
       99999, which value is flagged
       by reports and displayed as
       "OVERRIDE"; post-LDAS data
       where a weight was not record-
       ed will show a value of 0, and
       have a value assigned to TDG-
       OLD-BOTTLE-STATUS.
  1 BM TDG-OLD-BOTTLE-WEIGHT-OVERRIDE  A   1.0 F
       Flag indicating whether used
       bottle weight was with accep-
```

FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE

T L DB NAME   F   LENG S DE

       table range. A = Within
       range; + = Above range; - =
       Below range. Pertains only to
       MODCOMP data.
  1 BN TDG-ACT-OVERRIDE-FLAG-NEW-BOTT A   1.0 F
       Flag indicating whether the
       scheduled full bottle weight
       action was overridden. 0 - No;
       1 - Yes. Applies only to MOD-
       COMP data.
  1 BO TDG-MANUAL-ENTRY-FLAG-NEW-BOTT A   1.0 F
       Flag indicating whether the
       full bottle weight was record-
       ed as part of manual entry
       session. 0 - No; 1 - Yes.
  1 BP TDG-REMOVAL-ACT-FLAG-NEW-BOTT   A   1.0 F
       Flag indicating whether the
       full bottle weight is a remov-
       al action. 0 - No; 1 - Yes.
       Pertains only to MODCOMP data.
  1 BQ TDG-BACK-FORWARD-FLAG-NEW-BOTT A   1.0 F
       Flag indicating whether full
       bottle weight was recorded in
       scheduled order. 0 - Yes; 1 -
       No. Pertains only to MODCOMP
       data.
  1 BR TDG-EXP-SELECTED-FLAG-NEW-BOTT A   1.0 F
       Flag indicating whether full
       bottle weight was a scheduled
       action. 0 - Yes; 1 - No.
       Pertains only to MODCOMP data.
  1 BS TDG-NEW-BOTTLE-MIX-NUMBER   N   10.0 N
       Legacy field with no meaning
       in TDMS.
  1 BT TDG-NEW-BOTTLE-WEIGHT   N   10.0 N
       Weight, in decigrams, of the
       full bottle.

FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE

```
T L DB NAME                          F   LENG S DE

  1 BU TDG-NEW-BOTTLE-WEIGHT-OVERRIDE  A   1.0 F
        Flag indicating whether full
        bottle weight was with accep-
        table range.  A = Within
        range; + = Above range; - =
        Below range.  Pertains only to
        MODCOMP data.
  1 CM TDG-OBSERVATION-TIME            N   5.0 N
        Time, in TDMS TOX format, on
        which cage condition observa-
        tions were made.  Pertains on-
        ly to MODCOMP tests.
  1 BW TDG-OBSERVATION-OPERATOR-ID     N   5.0 N
        The operator making cage con-
        dition observations.  Pertains
        only to MODCOMP tests.  When
        appended to the appropriate
        facility code, a foreign key
        to TB_OPERATOR_ID.
  1 BX TDG-OBSERVATION-ERROR-FLAG      A   1.0 F
        Flag indicating whether cage
        observation was flagged as be-
        ing in error by Update. N -
        No; Y - Yes.  Pertains only to
        MODCOMP data.
  1 BY TDG-ACTION-OVERRIDE-FLAG-OBS    A   1.0 F
        Flag indicating whether the
        scheduled cage observation
        action was overridden. 0 - No;
        1 - Yes.  Applies only to MOD-
        COMP data.
  1 BZ TDG-MANUAL-ENTRY-FLAG-OBS       A   1.0 F
        Flag indicating whether cage
        observation was recorded as
        part of a manual entry ses-
        sion.  0 - No; 1 - Yes.
  1 CA TDG-REMOVAL-ACTION-FLAG-OBS     A   1.0 F
        Flag indicating whether the
        cage observation is a removal
        action.  0 - No; 1 - Yes.
        Pertains only to MODCOMP data.
```

```
FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE
```

```
T L DB NAME                          F    LENG S DE

  1 CB TDG-BACKWARD-FORWARD-FLAG-OBS  A    1.0 F
        Flag indicating whether cage
        observation was recorded in
        scheduled order.  0 - Yes; 1 -
        No.  Pertains only to MODCOMP
        data.
  1 CC TDG-EXPECTED-SELECTED-FLAG-OBS A    1.0 F
        Flag indicating whether cage
        observation was a scheduled
        action.  0 - Yes; 1 - No.
        Pertains only to MODCOMP data.
  1 CE TDG-MIS-ANIMAL-ID-TYPE         A    1.0 F
        Indicates if animals in cage
        are identified by numeric or
        alphabetic characters. N -
        Numeric, A - Alphabetic.
        Only numeric is valid for
        TDMS.  (Mis-identified animals
        was an early feature of MOD-
        COMP that was abandoned due
        to design-related problems.)
  1 CN TDG-NOTE-TIME                  N    5.0 N
        Time, in TDMS TOX format, at
        which the note was entered.
  1 CF TDG-NOTE-OPERATOR-ID           N    5.0 N
        The operator who recorded the
        note.  Whe appended to the ap-
        propriate facility code, a
        foreign key to TB_OPERATOR_ID.
  1 CG TDG-NOTE-ERROR-FLAG            A    1.0 F
        Flag indicating whether the
        cage note transaction was
        flagged in error by Update.
        N - No; Y - Yes.  Applies only
        to MODCOMP data.
  1 CH TDG-NOTE-ACTION-NUMBER         N    5.0 N
        Action with which the note is
        associated.  Applies only to
        MODCOMP data.  Foreign key to
        TBACTONC.
```

```
FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE


    T L DB NAME                         F   LENG S DE

      1 CI TDG-CAGE-NOTE                A   80.0 N
           Free text describing, explain-
           ing, or commenting on the
           cage, or observations of the
           cage.
    M 1 CJ TDG-CAGE-OBSERVATION         N    5.0 N
           Cage condition that are being
           observed. Pertains only to
           MODCOMP tests.  Foreign key to
           TBCONDTC.
    M 1 CK TDG-MIS-ANIMAL-IDENTIFICATION N    5.0 N
           Mis-identified animal that has
           been incorrectly removed from
           the census.  (Mis-identified
           animals were an early feature
           of MODCOMP that was abandoned
           due to design-related prob-
           lems.)
      1 CO TDG-MISID-ANIMAL-ERROR-FLAG  A    1.0 F
           Flag indicating whether mis-
           identified animal transaction
           was flagged by Update as being
           in error.  (Mis-identified
           animals were an early feature
           of MODCOMP that was abandoned
           due to design-related prob-
           lems.)
      1 CP TDG-MISID-ANIMAL-TIME        N    5.0 N
           Time, in TDMS TOX format, at
           which mis-identified animal
           was recorded.  (Mis-identified
           animals were an early feature
           of MODCOMP that was abandoned
           due to design-related prob-
           lems.)
      1 CQ TDG-MISID-ANIMAL-OPERATOR-ID N    5.0 N
           ID of operator who recorded
           the mis-identified animal
```

```
FILE...: TD-CAGE-DATA
TYPE...: USER VIEW
FILE-NR: 107
PRIMARY SEQUENCE FIELD: TDG-EXP-TEST-CAGE-DATE-DE
```

```
T L DB NAME                           F   LENG S DE

        transaction.  (Mis-identified
        animals were an early feature
        of MODCOMP that was abandoned
        due to design-related prob-
        lems.)  When appended to the
        appropriate facility code, a
        foreign key to TB_OPERATOR_ID.
  1 EA TDG-OLD-BOTTLE-STATUS           P    5.0 N
        Code for weight status that
        describes why the used weight
        was not recorded.  Foreign
        key to TBWGTSTATUS.
  1 EB TDG-OLD-FEEDER-STATUS           P    5.0 N
        Weight status that describes
        the used bottle weight was not
        recorded.  Foreign key to
        TBWGTSTATUS.
  1 EC TDG-CAGE-NOTE-MANUAL-FLAG       A    1.0 N
        Flag indicating whether the
        cage note was recorded as part
        of a manual entry session. 0 -
        No; 1 - Yes.
  1 DA TDG-FEEDER-SUPERKEY             N   21.0   SP
         SOURCE FIELD(S) --- -START- --END-
        EXP-TEST-CAGE-DATE                 1     16
        FEEDER-TIME                        1      5

        Super-descriptor used to
        select feeder weight records.
  1 DB TDG-WATER-SUPERKEY              N   21.0   SP
         SOURCE FIELD(S) --- -START- --END-
        EXP-TEST-CAGE-DATE                 1     16
        WATER-TIME                         1      5

        Super-descriptor used to se-
        lect bottle weights.
  1 DC TDG-NOTES-SUPERKEY              A   21.0   SP
         SOURCE FIELD(S) --- -START- --END-
        EXP-TEST-CAGE-DATE                 1     16
        NOTE-TIME                          1      5
```

TD-CORRECTION-REASON

File contains MODCOMP corrections. In-life information is reported in E13; pathology information is not reported. Since LDAS's introduction, no new records are added to this file.

```
FILE...: TD-CORRECTION-REASON
TYPE...: USER VIEW
FILE-NR: 109
PRIMARY SEQUENCE FIELD: TDJ-KEY-VALUE-DE
```

```
T L DB NAME                       F   LENG S DE
- - --  -- - - --
  1 AA TDJ-KEY-VALUE-DE           A   29.0   DE
       Composite field whose elements
       are the 2-byte segment ID and
       the primary key of the record
       that was modified, which can
       be from 11 to 27 characters.
       The used characters from posi-
       tions 3 to 27 form a foreign
       key to the view associated
       with the segment ID.
  1 AC TDJ-CORRECTION-SEQUENCE-NUMBER  N   2.0
       Number that identifies the
       corrections of a particular
       key.
M 1 AD TDJ-CORRECTION-REASON      A   80.0 N
       Free text describing the corresponds-
       rection.
  1 AE TDJ-CORRECTION-DATE        N   5.0
       Date, in TDMS TOX format, on
       which the correction was made.
  1 AF TDJ-CORRECTION-TIME        N   5.0
       Time, in TDMS TOX format, at
       which the correction was made.
  1 AG TDJ-CORRECTION-REASON-OP-ID  N   5.0
       The operator who made the corresponds-
       rection.  When appended to the
       appropriate facility code, a
       foreign key to TB_OPERATOR_ID.
  1 AH TDJ-EXP-TEST-CAGE-DE       A   11.0   SB
        SOURCE FIELD(S) --- -START- --END-
       CORRECTION-KEY               3      13
       Key used to select data from
       the file by E13.  Foreign key
       to TD-CAGE.
```

TD-MICRO-ANIMAL-NOTE
File contains pathology animal notes. Only used in P14.

```
FILE...: TD-MICRO-ANIMAL-NOTE
TYPE...: USER VIEW
FILE-NR: 110
PRIMARY SEQUENCE FIELD: TDM-EXP-TST-ANUM-PATHT-DATE-DE
```

```
T L DB NAME                         F   LENG S DE
- - -- -- - - --
  1 AA TDM-EXP-TST-ANUM-PATHT-DATE-DE  A   22.0    DE
        Composite field whose elements
        are the 7-digit test number,
        the 4-digit number of the ori-
        ginal cage to which the animal
        was allocated, the 5-digit
        animal number assigned at al-
        location, the letter 'A' for
        pathologist type, and the 5-
        digit date, in TDMS TOX for-
        mat, on which the note was re-
        corded.  The first 16 charac-
        ters form a foreign key to
        TD-ANIMAL.
  1 AB TDM-MICRO-ANIMAL-NOTE-SEQUENCE  N   5.0
        Time, in TDMS TOX format, at
        which the note was recorded.
        Not used in report software.
  1 AC TDM-OPERATOR-IDENTIFICATION     N   5.0
        Operator who recorded the
        note.  Not used in report
        software.  When appended to
        the appropriate facility code,
        a foreign key to TB_OPERATOR-
        _ID.
  1 AD TDM-ERROR-FLAG                  A   1.0 F
        Flag indicating whether micro-
        animal note transaction was
        flagged by Update as being in
        error.  N - No; Y - Yes.  Ap-
        plies only to early MODCOMP
        data.
  1 AF TDM-PATHOLOGIST-IDENTIFICATION  N   5.0
        The pathologist who was as-
        signed to the test when the
```

FILE...: TD-MICRO-ANIMAL-NOTE
TYPE...: USER VIEW
FILE-NR: 110
PRIMARY SEQUENCE FIELD: TDM-EXP-TST-ANUM-PATHT-DATE-DE

T L DB NAME   F   LENG S DE

        note was recorded. Not used
        in report software. When ap-
        pended to the apporiate faci-
        lity code, a foreign key to
        TB_OPERATOR_ID.
M 1 AE TDM-MICRO-ANIMAL-NOTE   A   80.0 N
        Free text describing, comment-
        ing on, or explaining the
        animal, or any observations of
        the animal.
  1 AG TDM-COD-FLAG   A   1.0 F
        Introduced with LDAS, but nev-
        er implemented.

TD-ORGAN

View of organ (tissue) status and accountable site status segments. (The last only applies to data not converted for LDAS.)

```
FILE...: TD-ORGAN
TYPE...: USER VIEW
FILE-NR: 111
PRIMARY SEQUENCE FIELD: TDO-EXP-TST-ANUM-ORG-PATHT-UQ


T L DB NAME                       F   LENG S DE
- - -- -- - - --
  1 AA TDO-EXP-TST-ANUM-ORG-PATHT-UQ  A   22.0   UQ
      Composite field whose elements
      are the 7-digit test number,
      the 4-digit number of the ori-
      ginal cage to which the animal
      was allocated, the 5-digit
      animal number assigned at al-
      location, the organ being object-
      served, and the pathologist
      type, which is always 'A'.
      The test, cage, and animal
      number portions form a foreign
      key to TD-ANIMAL; the organ is
      a foreign key to TBPCT.
  1 AB TDO-ORGAN-STATUS-DATE        N   5.0 N
      Date, in TDMS TOX format, on
      which the status was recorded.
      Not used in report software.
  1 AC TDO-ORGAN-STATUS-TIME        N   5.0 N
      Time, in TDMS TOX format, at
      which the status was recorded.
  1 AD TDO-ORGAN-STATUS-OPERATOR-ID N   5.0 N
      The operator who recorded the
      status.  Not used in report
      software.  When appended to
      the appropriate facility code,
      a foreign key to TB_OPERATOR_-
      ID.
  1 AE TDO-ORGAN-STATUS-ERROR-FLAG  A   1.0 F
      Flag indicating whether organ
      status transaction was flagged
      by Update as being in error.
      N - No; Y - Yes.  Applies only
      to early MODCOMP data.
```

FILE...: TD-ORGAN
TYPE...: USER VIEW
FILE-NR: 111
PRIMARY SEQUENCE FIELD: TDO-EXP-TST-ANUM-ORG-PATHT-UQ

```
T L DB NAME                          F   LENG S DE

  1 AF TDO-ORGAN-STATUS              N    5.0 N
       The status code of the organ.
       Foreign key to TBORGSTA.
  1 AG TDO-ORGAN-STAT-PATHOLOGIST-ID N    5.0 N
       The pathologist assigned to
       the test when the status was
       recorded.  When appended to
       the appropriate facility code,
       a foreign key to TB_OPERATOR_-
       ID.
P 1 AH TDO-SITE-STATUS-INFORMATION
       Repeating group for account-
       able site status information.
       This group only applies for
       tests not converted for LDAS
       data collection.  Also, only
       applies to the following or-
       gans: adrenal gland, large and
       small intestines, stomach,
       lymph node, and skin.
  2 AK TDO-SITE-STATUS-DATE          N    5.0 N
       Date, in TDMS TOX format, on
       which the accountable site
       status was recorded.  Not used
       in report software.
  2 AL TDO-SITE-STATUS-TIME          N    5.0 N
       Time, in TDMS TOX format, at
       which the accountable site
       status was recorded.
  2 AM TDO-SITE-STATUS-PATHOLOGIST-ID N   5.0 N
       The pathologist assigned to
       the test when the accountable
       site status was recorded.  Not
       used in report software.  When
       appended to the appropriate
       facility code, a foreign key
       to TB_OPERATOR_ID.
```

FILE...: TD-ORGAN
TYPE...: USER VIEW
FILE-NR: 111
PRIMARY SEQUENCE FIELD: TDO-EXP-TST-ANUM-ORG-PATHT-UQ


```
T L DB NAME                        F   LENG S DE

  2 AN TDO-SITE-STATUS-OPERATOR-ID  N    5.0 N
       The operator who recorded the
       accountable site status.  Not
       used in report software.
       When appended to appropriate
       facility code, a foreign key
       to TB_OPERATOR_ID.
  2 AO TDO-SITE-STATUS-ERROR-FLAG   A    1.0 N
       Flag indicating whether site
       status transaction was flagged
       by Update as being in error.
       N - No; Y - Yes.
  2 AI TDO-SITE-CODE                N    5.0 N
       The accountable site to which
       the status applies.  A foreign
       key to TBPCT.
  2 AJ TDO-SITE-STATUS              N    5.0 N
       Organ status assigned to the
       accountable site.  Foreign
       key to TBORGSTA.
```

TD-ORGAN-DATA
View of microscopic observation, organ note, and organ stain segments, the last of which is inactive.

```
FILE...: TD-ORGAN-DATA
TYPE...: USER VIEW
FILE-NR: 108
PRIMARY SEQUENCE FIELD: TDH-ORGAN-OBSERVATION-ID-DE
```

```
T L DB NAME                          F   LENG S DE
- - --  -- - - --

  1 AA TDH-ORGAN-OBSERVATION-ID-DE    A   27.0   DE
       Composite field whose elements
       are the 7-digit test number,
       the 4-digit number of the ori-
       ginal cage to which the animal
       was allocated, the 5-digit
       animal number assigned at al-
       location, the 5-digit code for
       the organ being observed, the
       letter 'A' for pathologist
       type, and the 5-digit date, in
       TDMS TOX format, on which the
       observation was recorded.  The
       test, cage, and animal number
       portions form a foreign key to
       TD-ANIMAL; the organ code is a
       foreign key to TBPCT.
  1 AB TDH-MICRO-OBSERVATION-SEQUENCE N   5.0 N
       The time, in TDMS TOX format,
       at which the observation was
       made.  Not used in report
       software.
  1 AC TDH-MICRO-OBS-OPERATOR-ID      N   5.0 N
       The ID of the operator who re-
       corded the observation.  Not
       used in report software.
       When appended to the appropri-
       ate facility code, a foreign
       key to TB_OPERATOR_ID.
  1 AO TDH-MICRO-OBS-PATHOLOGIST-ID   N   5.0 N
       The operator ID of the patho-
       logist assigned to the test
       when the observation was re-
       corded.  Not used in report
```

FILE...: TD-ORGAN-DATA
TYPE...: USER VIEW
FILE-NR: 108
PRIMARY SEQUENCE FIELD: TDH-ORGAN-OBSERVATION-ID-DE

```
T L DB NAME                          F   LENG S DE

        software.  When appended to
        the appropriate facility code,
        a foreign key to TB_OPERATOR_-
        ID.
  1 AF TDH-OBSERVATION-MORPHOLOGY-DE  N   5.0 N
        The code for the morphology
        that was observed.  A foreign
        key to TBPCT.
  1 AE TDH-PRIMARY-SITE               N   5.0 N
        The primary site for a morph-
        ology that has metastasized to
        the organ being observed. (If
        blank there is no metastasis.)
        Foreign key to TBPCT.
  1 AW TDH-NEOPLASTIC-FLAG            A   1.0 F
        Flag indicating whether the
        observed morphology is neo-
        plastic.  Y - Yes; N - No.
M 1 AG TDH-OBSERVATION-QUALIFIER      N   5.0 N
        The qualifiers that further
        describe the observed morpho-
        logy.  Up to 4 may be desig-
        nated.  Foreign key to TBPCT.
M 1 AH TDH-OBSERVATION-SITE           N   5.0 N
        The sites on the organ being
        observed where the morphology
        detected.  Up to 3 may be description-
        ignated.  Foreign key to TBPCT
  1 BA TDH-COD-FLAG                   A   1.0 F
        Flag indicating the observed
        morphology's role in the animal-
        mal's death.  The field will
        only have a value if the animal-
        mal was removed due to natural
        death or moribund sacrifice.
        P - Primary cause-of-death;
        C - Contributory cause-of-
```

FILE...: TD-ORGAN-DATA
TYPE...: USER VIEW
FILE-NR: 108
PRIMARY SEQUENCE FIELD: TDH-ORGAN-OBSERVATION-ID-DE


```
T L DB NAME                        F   LENG S DE

      death.
   1 AV TDH-MORPH-GENERIC-TYPE      N   5.0 N
      The code for the generic
      morphology to which the object-
      served morphology is associ-
      ated.  Applies only to MODCOMP
      tests.   Foreign key to TBPCT.
   1 AD TDH-MICRO-OBS-ERROR-FLAG    A   1.0 F
      Flag indicating whether micro
      observation transaction was
      flagged by Update as being in
      error.  N - No; Y - Yes.  Ap-
      plies only to MODCOMP tests.
   1 AX TDH-TRACE-LESION-NUMBER     N   5.0 N
      A sequentially assigned gross
      lesion number which is used to
      associate a gross lesion with
      a microscopic observation.
      Never used in TDMS.
   1 AI TDH-ORGAN-NOTE-OPERATOR-ID  N   5.0 N
      ID of operator recording the
      note.  Not used in report
      software.  When appended to
      the appropriate facility code,
      a foreign key to TB_OPERATOR_-
      ID.
   1 AP TDH-ORGAN-NOTE-PATHOLOGIST-ID N 5.0 N
      Operator ID of the pathologist
      assigned to the test when the
      note was recorded.  Not used
      in report software.  When ap-
      pended to the appropriate fa-
      cility code, a foreign key
      to TB_OPERATOR_ID.
   1 AR TDH-ORGAN-NOTE-SEQUENCE     N   5.0 N
      The time, in TDMS TOX format,
      at which the note was record-
      ed.  Not used in report soft-
      ware.
 M 1 AK TDH-ORGAN-NOTE             A  80.0 N
      Free text describing, comment-
```

FILE...: TD-ORGAN-DATA
TYPE...: USER VIEW
FILE-NR: 108
PRIMARY SEQUENCE FIELD: TDH-ORGAN-OBSERVATION-ID-DE

```
T L DB NAME                           F   LENG S DE

      ing or explaining, the organ
      or observations of it.  Also,
      may contain TGL information.
      TGL information can be identi-
      fied by character positions
      22-27 having the value
      "TGLs =".
  1 AJ TDH-ORGAN-NOTE-ERROR-FLAG      A   1.0 F
      Flag indicating whether the
      organ note transaction was
      flagged by Update as being in
      error.  N - No; Y - Yes.  Ap-
      plies only to early MODCOMP
      data.
  1 AL TDH-ORGAN-STAIN-OPERATOR-ID    N   5.0 N
      The ID of the operator who
      created the organ stain trans-
      action.  Pertains only to MOD-
      COMP tests.  When appended to
      the appropriate facility code,
      a foreign key to TB_OPERATOR_ID.
  1 AQ TDH-ORGAN-STAIN-PATHOLOGIST-ID N   5.0 N
      Operator ID of the pathologist
      assigned to test.  Pertains
      only to MODCOMP tests.  When
      appended to the appropriate
      facility code, a foreign key
      to TB_OPERATOR_ID.
  1 AS TDH-ORGAN-STAIN-SEQUENCE       N   5.0 N
      Time, in TDMS TOX format, at
      which the organ stain transac-
      was created.  Pertains
      only to MODCOMP tests.
  1 AM TDH-ORGAN-STAIN-ERROR-FLAG     A   1.0 F
      Flag indicating whether the
      organ stain transaction was
      flagged by Update as being in
      error.  N - No; Y - Yes.  Per-
      tains only to early MODCOMP
      data.
P 1 AT TDH-ORGAN-STAIN-INFORMATION
```

FILE...: TD-ORGAN-DATA
TYPE...: USER VIEW
FILE-NR: 108
PRIMARY SEQUENCE FIELD: TDH-ORGAN-OBSERVATION-ID-DE


```
T L DB NAME                         F   LENG S DE


      Repeating group embracing
      each stain being observed.
      Recording of stain observation
      applies only to MODCOMP tests.
      Recording of such data was
      discouraged by NTP.  No re-
      ports access stain informa-
        .
  2 AN TDH-ORGAN-STAIN              N    5.0 N
      The code for the stain
      being observed.  Pertains on-
      ly to MODCOMP tests.  Foreign
      key to TBSTAIN.
  2 AU TDH-ORGAN-STAIN-CONTRIBUT-FLAG  A   1.0 N
      Flag indicating the results of
      the stain.  + = Positive; - =
      Negative; ? = Non-contributory
      Applies only to MODCOMP tests.
  1 UB TDH-EXP-TEST-ORGAN-SP        A   12.0   SP
       SOURCE FIELD(S) --- -START- --END-
      >>> SOURCE FIELD(S) NOT SPECIFIED <<<

      Used to select all observa-
      tions for an organ on a test
```

TD-TEST

View of test information.

```
FILE...: TD-TEST
TYPE...: USER VIEW
FILE-NR: 112
PRIMARY SEQUENCE FIELD: TDT-EXPERIMENT-TEST-DE


T L DB NAME                      F    LENG S DE
- - -- -- - - --
  1 AA TDT-EXPERIMENT-TEST-DE    N    7.0    UQ
       Composite field whose elements
       are the 5-digit experiment (or
       study) number, and the 2-digit
       test number.  When appended
       to TDT-AGENCY-NUMBER, a for-
       eign key to PAS_MASTER.
  1 AC TDT-AGENCY-NUMBER         N    2.0
       Then agency.  A foreign key to
       TBAGENCY.  Not used in report
       software.
  1 AD TDT-TEST-TYPE             N    5.0
       Test type code, as assigned in
       test protocol.  Foreign key to
       TBTESTYP.
```

TD-TEST-NOTE
View of test notes. Used by E10 only.

```
FILE...: TD-TEST-NOTE
TYPE...: USER VIEW
FILE-NR: 114
PRIMARY SEQUENCE FIELD: TDS-EXP-TEST-DATE-TIME-UQ


T L DB NAME                       F   LENG S DE
- - --  -- - - --
  1 AB TDS-EXP-TEST-DATE-TIME-UQ   A   17.0 N UQ
       Composite field whose elements
       are the 7-digit test number,
       the 5-digit date, in TDMS TOX
       format, on which the note was
       recorded, and the 5-digit
       time, in TDMS TOX format, at
       which the note was recorded.
       The test number portions forms
       a foreign key to TD-TEST.
  1 AC TDS-OPER-NUM                P    5.0 F
       The ID of the operator who re-
       corded the test note.  When
       appended to the appropriate
       facility code, a foreign key
       to TB_OPERATOR_ID.
  1 AD TDS-NOTE-TEXT               A  160.0 N
       Free text describing, comment-
       ing on, or explaining the test
       or some observation of the
       test.
  1 BB TDS-TEST                    A    7.0   SP
        SOURCE FIELD(S) --- -START- --END-
       TDS-EXP-TEST-DATE-TIME-UQ        1       7
```

TD-TREATMENT

View of pre-LDAS protocol-required tissues. Only used by the P14 for those tests that were not converted to LDAS. Replaced by the PAS protocol-required tissues segment.

```
FILE...: TD-TREATMENT
TYPE...: USER VIEW
FILE-NR: 100
PRIMARY SEQUENCE FIELD: TDI-EXP-TEST-TREATMENT-UQ
```

```
T L DB NAME                      F   LENG S DE
- - --  -- - - --
  1 AA TDI-EXP-TEST-TREATMENT-UQ  N   10.0   UQ
       Composite field whose elements
       are the 7-digit test number
       and the 3-digit treatment
       group ID number.  The test
       number portion forms a foreign
       key to TD-TEST. When the test
       number and the treatment num-
       ber (converted to a 2-byte
       binary) are appended to the
       appropriate agency number, a
       foreign key to PAS_TREAT-
       MNT_SEG.
  1 AB TDI-TREATMENT-CODE         A   1.0 F
       Code for treatment role as-
       signed to the treatment group
       in test protocol.  Not used
       in report software.  Foreign
       key to TBTRTROLE.
M 1 AD TDI-PROTOCOL-REQ-TISSUE-CODE  N  5.0 N
       Codes for the organs that are
       required to be assigned an or-
       gan status.  Used only in P14.
       Foreign key to TBPCT.
  1 AE TDI-PATHOLOGIST-IDENTIFICATION  N  5.0
       Operator ID of the pathologist
       assigned to the test when the
       PRTs for the treatment group
       are assigned.  Not used in
       report software.  When append-
       ed to the appropriate facility
       code, a foreign key to
       TB_OPERATOR_ID.
```

FILE...: TD-TREATMENT
TYPE...: USER VIEW
FILE-NR: 100
PRIMARY SEQUENCE FIELD: TDI-EXP-TEST-TREATMENT-UQ

```
T L DB NAME                         F   LENG S DE

  1 AF TDI-OPERATOR-IDENTIFICATION   N   5.0
        ID of the operator who assigns
        the PRTs to the treatment
        group.  Not used in report
        software.  When appended to
        the appropriate facility code,
        a foreign key to TB_OPERATOR_-
        ID.
  1 AG TDI-DATE                      N   5.0
        Date, in TDMS TOX format, on
        which the PRTs were assigned.
        Not used in report software.
  1 AH TDI-TREATMENT-SEQUENCE        N   5.0
        Time, in TDMS TOX format, at
        which the PRTs were assigned.
        Not used in report software.
  1 AI TDI-ERROR-FLAG                A   1.0 F
        Flag indicating whether treat-
        ment transaction was flagged
        by Update as being in error.
        N - No; Y - Yes.  Applies only
        to early MODCOMP data.
```

TD-TREATMENT-NOTE
View of treatment notes. Used by E10 only.

```
FILE...: TD-TREATMENT-NOTE
TYPE...: USER VIEW
FILE-NR: 114
PRIMARY SEQUENCE FIELD: TDT-EXP-TEST-TRT-DATE-TIME-UQ


T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AA TDT-EXP-TEST-TRT-DATE-TIME-UQ    A   20.0 N UQ
       Composite field whose elements
       are the 7-digit test number,
       the 3-digit treatment group
       ID, the 5-digit date, in TDMS
       TOX format, on which the note
       was recorded, and the 5-digit
       time, in TDMS TOX format, at
       which the note was recorded.
       The test number portions forms
       a foreign key to TD-TEST.
       When the the treatment group
       is converted to a 2-byte bin-
       ary and append to the agency
       number and test number, a
       foreign key to PAS_TREAT-
       MNT_SEG.
  1 AC TDT-OPER-NUM                 P    5.0 F
       The ID of the operator who
       recorded the treatment group
       note.  When appended to the
       appropriate facility code, a
       foreign key to TB_OPERATOR_ID.
  1 AD TDT-NOTE-TEXT                 A  160.0 N
       Free text describing, comment-
       ing on, or explaining the test
       or some observation of the
       treatment group.
```

4.3 Transaction Views

ANIMAL-MICRO-NOTES-TRANSACTION

Logical layout of pathology animal notes transactions. Loaded by
RECEIVE and ECS. Read by Update to add, modify, and delete records
in the TD-MICRO-ANIMAL-NOTE file. If transactions are corrections
or audit changes, then Update uses the information to add records to the
ANIMAL-MICRO-NOTES-CORRECTION file.

```
FILE...: ANIMAL-MICRO-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
- - --  -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                   A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update; in-
       formational only.  Set to MA.
       Used to form RECEIVE-UPDATE-
       KEY.
  2 AB MICRO-OR-ECS-FLAG            A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE               B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME               B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
```

```
FILE...: ANIMAL-MICRO-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                            F    LENG S DE

  2 AG MICRO-TRANS-SET                 B    2.0 F
        The number of the transac-
        tion's source set.  Not refer-
        enced by Update.
  2 AI TOX-MAINFRAME-DATE              B    2.0 F
        The date, in TDMS TOX date
        format, on which the source
        set was received.  Not refer-
        enced by Update.  Used to
        form RECEIVE-UPDATE-KEY.
  2 AJ TOX-MAINFRAME-TIME              B    2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received.  Not
        referenced by Update.  Used to
        form RECEIVE-UPDATE-KEY.
  2 AL AGENCY-NUMBER                   B    2.0 F
        Not referenced by Update.
        Foreign key to TBAGENCY.
  2 AP ENTRY-OPERATOR-NUMBER           B    2.0 F
        When the transaction is a corresponds-
        rection or an audit change,
        this indicates the responsible
        operator.  Loaded by Update
        into the  MAC-CORRECTION-
        OPERATOR-ID field of the ANI-
        MAL-MICRO-ANIMAL-NOTES-CORREC-
        TION file.  When appended to
        DATA-FACILITY-NUMBER, a for-
        eign key to TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION                B    2.0 F
        The version of LDAS under
        which the source set was
        generated.  Not referenced by
        Update.
  2 AT TOX-DATA-DATE                   B    2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created.  Used by
        Update in the formation of the
        field TDM-EXP-TST-ANUM-PATHT-
```

Data Dictionary: TDMS   **163**   **TS-1005-2.2**

```
FILE...: ANIMAL-MICRO-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                            F   LENG S DE

        DATE-DE of the TD-MICRO-ANI-
        MAL-NOTES file and the MAC-
        MICRO-ANI-NOTE-CORR-KEY-UQ
        field of the ANIMAL-MICRO-
        NOTES-CORRECTION file.  Also
        used to form RECEIVE-UPDATE-
        KEY.
  2 AU TOX-DATA-TIME                   B   2.0 F
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created.
        Loaded by Update into the
        TDM-MICRO-ANIMAL-NOTE-SEQUENCE
        field of the TD-MICRO-ANIMAL-
        NOTES file.  For corrections
        or audit changes, used to
        form MAC-MICRO-ANI-NOTE-CORR-
        KEY-UQ of the ANIMAL-MICRO-
        NOTES-CORRECTION file. Also
        used to form RECEIVE-UPDATE-
        KEY.
  2 AV DATA-FACILITY-NUMBER            B   2.0 F
        The facility associated with
        the machine on which the
        source set was created.  Not
        referenced by Update.  A for-
        eign key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST         B   2.0 F
        The operator ID for the path-
        ologist who is assigned to the
        test.  Loaded by Update into
        the TDM-PATHOLOGIST-IDENTIFI-
        CATION field of the TD-MICRO-
        ANIMAL-NOTES file.  If an add
        with audit, the value is load-
        ed into the MAC-PATHOLOGIST-ID
        field of the ANIMAL-MICRO-
        NOTES-CORRECTION file.  When
        appended to DATA-FACILITY-
        NUMBER, a foreign key to
        TB_OPERATOR_ID.
```

```
FILE...: ANIMAL-MICRO-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                          F   LENG S DE
```

```
  2 AX PROCESS-FLAG                  A   2.0 F
```
Two-letter identifier for the
type of transaction. The first
digit can be A, C, or D, which
signifies add, change, or del-
ete, respectively. The second
digit is either blank, indica-
ting an original transaction,
or 'A', indicating an audit
transaction.

```
  2 AZ DATA-BASE-KEY-LENGTH          B   2.0 F
```
The number of digits being
used in the DATA-BASE-KEY
field. Not referenced by Up-
date. Set to 14.

```
  2 A0 NUMBER-OF-TREE-KEY-LEVELS     B   2.0 F
```
The number of two-byte binary
segments of the SEGMENT-TREE-
KEY field being used. Set to 3.

```
  2 A2 DATA-BASE-INDICATOR           A   1.0 F
```
Indicates sub-system. Set to
3 for pathology.

```
  2 A3 DATA-BASE-KEY                 A   14.0 F
```
The carcass ID (CID) for the
animal to which the note ap-
plies. Foreign key to TD-ANI-
MAL. If a correction or audit
transaction, then Update uses
uses values from the corresponds-
ponding TD-ANIMAL master re-
cord to form MICRO-ANI-NOTE-
CORR-KEY-UQ in ANIMAL-MICRO-
NOTES-CORRECTION.

```
  2 A4 SEGMENT-TREE-KEY              B   20.0 F
```
This field is parsed into 10
2-byte binary sub-fields.
Only the first three are used.
The first is set to 80; the
second is for the pathologist
type and is set to "A";the
third is set to 30. Update

```
FILE...: ANIMAL-MICRO-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE

        uses the pathologist type val-
        ue in forming the TDM-EXP-TST-
        ANUM-PATHT-DATE-DE field of
        the TD-MICRO-ANIMAL-NOTES
        file.  If a correction or
        audit transaction, Update uses
        the value to form MAC-MICRO-
        ANI-NOTE-CORR-KEY-UQ in
        ANIMAL-MICRO-NOTES-CORRECTION.
G 1 D5 MICRO-ANIMAL-NOTES-DATA
        Group embracing segment-speci-
        fic fields of pathology animal
        note transactions.
  2 D6 MICRO-ANIMAL-NOTES-OPERATOR   B   2.0 N
        ID of operator recording the
        note.  Loaded by Update into
        the TDM-OPERATOR-IDENTIFICA-
        TION field of the TD-MICRO-
        ANIMAL-NOTE file. If an add
        with audit, loaded by Update
        into MAC-OPERATOR-ID of ANI-
        MAL-MICRO-NOTES-CORRECTION.
        When appended to DATA-FACILI-
        TY-NUMBER, a foreign key to
        TB_OPERATOR_ID.
M 2 D8 MICRO-ANIMAL-NOTE            A   80.0 N
        Free text describing a micro-
        scopically evaluated animal.
        Loaded by Update into the TDM-
        MICRO-ANIMAL-NOTE field of the
        TD-MICRO-ANIMAL-NOTE file.  If
        add with audit, loaded by Up-
        date into MAC-MICRO-ANIMAL-
        NOTE of ANIMAL-MICRO-NOTE-
        CORRECTION.
  2 D4 CAUSE-OF-DEATH-FLAG          A   1.0 N
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE              P   5.0 N
        Date, in TDMS TOX date format,
```

FILE...: ANIMAL-MICRO-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                      F   LENG S DE

      on which correction was made.
      Used by Update in forming MAC-
      MICRO-ANI-NOTE-CORR-KEY-UQ for
      ANIMAL-MICRO-NOTE-CORRECTION.
  2 ER CORRECTION-TIME           P    5.0 N
      Time of day, in TDMS TOX time
      format, at which correction
      was made.  Used by Update in
      forming MAC-MICRO-ANI-NOTE-
      CORR-KEY-UQ of ANIMAL-MICRO-
      NOTE-CORRECTION.
  2 ES CORRECTION-REASON         A    2.0 N
      Correction reason.  Loaded by
      Update into MAC-CORRECTION-
      REASON of ANIMAL-MICRO-NOTE-
      CORRECTION.  Foreign key to
      TBCORRREASON.
  2 ET CORRECTION-NOTE           A   79.0 N
      Free text describing the corresponds-
      rection.  Loaded by Update in-
      to MAC-CORRECTION-NOTE in ANI-
      MAL-MICRO-NOTE-CORRECTION.
  2 EU CORRECTION-TYPE           A    1.0 N
      Single letter indicating type
      of correction. A-Add, C-Change
      D-Delete.  Loaded by Update
      into MAC-CORRECTION-TYPE in
      ANIMAL-MICRO-NOTE-CORRECTION.
  2 FD CORRECTION-KEY            A   37.0 N DE
      If either the date portion of
      TDM-EXP-TST-ANUM-PATHT-DATE-DE
      or TDM-MICRO-ANIMAL-NOTE-SE-
      QUENCE is being changed, then
      this field contains the orig-
      inal value of both, along
      with CORRECTION-DATE and COR-
      RECTION-TIME.  Update loads it
      into MAC-MICRO-ANI-NTE-COR-
      KEY-LNK-UQ of ANIMAL-MICRO-
      NOTE-CORRECTION.  First 22
      characters are a foreign key
```

Data Dictionary: TDMS **167** **TS-1005-2.2**

FILE...: ANIMAL-MICRO-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

      to TD-MICRO-ANIMAL-NOTE.
  1 EW RECEIVE-UPDATE-KEY   A   54.0 N DE
      Unique key for database trans-
      actions. Elements of key are:
      SEGMENT-ID, MICRO-OR-ECS-FLAG,
      TDM-EXP-TST-ANUM-PATH-DATE-DE,
      5 spaces, TOX-DATA-DATE, TOX-
      DATA-TIME, TOX-MAINFRAME-DATE,
      TOX-MAINFRAME-TIME, and a 4-
      digit sequence number for the
      transaction in its segment
      within the source set.

ANIMAL-NOTE-TRANSACTION

Logical layout of animal note transactions. Loaded by RECEIVE and
ECS. Read by Update to add, modify, or delete records to the TD-
ANIMAL-DATA file. For corrections, Update also uses the information
to add records to ANIMAL-NOTE-CORRECTION.

```
FILE...: ANIMAL-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                   A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.
       Used to form RECEIVE-UPDATE-
       KEY.  Set to AN.
  2 AB MICRO-OR-ECS-FLAG            A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE               B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME               B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET              B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE           B   2.0 F
       The date, in TDMS TOX date
```

FILE...: ANIMAL-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                      F   LENG S DE

       format, on which the source
       set was received.  Not refer-
       enced by Update.  Used to form
       RECEIVE-UPDATE-KEY.
  2 AJ TOX-MAINFRAME-TIME         B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set was received.  Not
       referenced by Update.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AL AGENCY-NUMBER              B   2.0 F
       Foreign key to TBAGNECY.
       Not referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER      B   2.0 F
       When the transaction is a corresponds-
       rection, this indicates the
       operator who made the correc-
       and is loaded by Update
       into ANC-CORRECTION-OPERATOR
       of ANIMAL-NOTE-CORRECTION.
       When appended to DATA-FACILI-
       TY-NUMBER, a foreign key to
       TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION           B   2.0 F
       The version of LDAS under
       which the source set was
       generated.  Not referenced by
       Update.
  2 AT TOX-DATA-DATE              B   2.0 F
       The date, in TDMS TOX date
       format, on which the trans-
       action was created.  Used by
       Update to form the TDD-EXP-
       TEST-ANIMAL-DATE-DE value that
       will be add to, or selected
       for modification from, TD-ANI-
       MAL-DATA.  If a correction,
```

FILE...: ANIMAL-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

      also used to form ANC-ANIMAL-
      NOTE-CORR-KEY-UQ of ANIMAL-
      NOTE-CORRECTION.

 2 AU TOX-DATA-TIME   B   2.0 F
      The time of day, in TDMS TOX
      time format, at which the
      transaction was created. Used
      by RECEIVE and ECS to form
      RECEIVE-UPDATE-KEY. Loaded
      by Update into TDD-NOTE-TIME
      of TD-ANIMAL-DATA. If a corresponds-
      rection, also used to form
      ANC-ANIMAL-NOTE-CORR-KEY-UQ of
      ANIMAL-NOTE-CORRECTION.

 2 AV DATA-FACILITY-NUMBER   B   2.0 F
      The facility associated with
      the machine on which the
      source set was created. Not
      referenced by Update. A for-
      eign key to TBFACLTY.

 2 AW OPERATOR-OR-PATHOLOGIST   B   2.0 F
      For an original addition, the
      the operator who created the
      transaction. Loaded by Update
      TDD-NOTE-OPERATOR-ID, and, if
      an add with audit, also into
      ANC-NOTE-OPERATOR-ID of ANI-
      MAL-NOTE-CORRECTION. When ap-
      pended to DATA-FACILITY-NUM-
      BER, a foreign key to TB_OPER-
      ATOR_ID.

 2 AX PROCESS-FLAG   A   2.0 F
      Two-letter identifier for the
      type of transaction. The first
      digit can be A, C, or D, which
      signifies add, change, or del-
      ete, respectively. The second
      digit is either blank, indica-

FILE...: ANIMAL-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE
```

```
       ting an original transaction,
       or 'A', indicating an audit
       transaction.
  2 AZ DATA-BASE-KEY-LENGTH         B   2.0 F
       The number of digits being
       used in the DATA-BASE-KEY
       field.  Not referenced by Up-
       date.  Set to 13.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS    B   2.0 F
       The number of two-byte binary
       segments of the SEGMENT-TREE-
       KEY field being used.  Set to
       3.
  2 A2 DATA-BASE-INDICATOR          A   1.0 F
       Indicates sub-system.  Set to
       2 for in-life.
  2 A3 DATA-BASE-KEY                A   14.0 F
       Indicates the number of the
       agency-test-cage where the
       animal being observed is lo-
       cated.  (AATTTTTTTCCCC).  Used
       by Update to form the TDD-EXP-
       TEST-ANIMAL-DATE-DE value that
       will be added to, or selected
       for modification from, TD-ANI-
       MAL-DATA.  Also, if a correc-
       , used to form ANC-ANIMAL-
       NOTE-CORR-KEY-UQ of ANIMAL-
       NOTE-CORRECTION.  The test-
       cage portion is a foreign
       key to TD-CAGE.
  2 A4 SEGMENT-TREE-KEY             B   20.0 F
       This field is parsed into 10
       2-byte binary sub-fields.
       Only 3 are used for animal
       note transactions.  The first
       is set to 10; the second is
       set to the number of the animal-
       mal being observed; the third
       is set to 6O.  Update uses
       the animal number to form
```

```
FILE...: ANIMAL-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

      TDD-EXP-TEST-ANIMAL-DATE-DE
      for TD-ANIMAL-DATA, and, if a
      correction, to form ANC-ANI-
      MAL-NOTE-CORR-KEY-UQ of ANI-
      MAL-NOTE-CORRECTION.
G 1 CT ANIMAL-NOTE-DATA
      Group embracing segment-speci-
      fic fields of in-life animal
      notes.
  2 CV ANIMAL-NOTE               A   80.0 N
      Free text entered by operator
      modifying or explaining animal
      data.  Loaded by Update into
      the TDD-ANIMAL-NOTE of the
      TD-ANIMAL-DATA file.  If an
      add-with-audit transaction,
      loaded by Update into ANC-ANI-
      MAL-NOTE of ANIMAL-NOTE-COR-
      RECTION.
  2 CW ANIMAL-NOTE-MANUAL-FLAG    A   1.0 N
      Flag indicating whether note
      was entered as part of a man-
      ual entry session.  0 - No;
      1 - Yes.  Loaded by Update
      into the TDD-MANUAL-ENTRY-
      FLAG-NOTE field of the TD-
      ANIMAL-DATA file.  If an add-
      with-audit transaction, load-
      ed by Update into ANC-NOTE-
      MANUAL-FLAG of ANIMAL-NOTE-
      CORRECTION.
G 1 EP CORRECTION-PORTION
      Group embracing segment-common
      correction fields.
  2 EQ CORRECTION-DATE            P   5.0 N
      Date, in TDMS TOX date format,
      on which correction was made.
      Used by Update in forming
      ANC-ANIMAL-NOTE-CORR-KEY-UQ of
      ANIMAL-NOTE-CORRECTION.
```

```
FILE...: ANIMAL-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
T L DB NAME                        F   LENG S DE


  2 ER CORRECTION-TIME            P   5.0 N
         Time of day, in TDMS TOX time
         format, at which correction
         was made.  Used by Update
         in forming ANC-ANIMAL-NOTE-
         CORR-KEY-UQ of ANIMAL-NOTE-
         CORRECTION.
  2 ES CORRECTION-REASON          A   2.0 N
         Correction reason.  Foreign
         key to TBCORRREASON.  Loaded
         into ANC-CORRECTION-REASON in
         ANIMAL-NOTE-CORRECTION.
  2 ET CORRECTION-NOTE            A  79.0 N
         Free text describing the corresponds-
         rection.  Loaded by Update in-
         to ANC-CORRECTION-NOTE of ANI-
         MAL-NOTE-CORRECTION.
  2 EU CORRECTION-TYPE            A   1.0 N
         Single letter indicating type
         of correction. A-Add, C-Change
         D-Delete.  Loaded by Update
         into ANC-CORRECTION-TYPE of
         ANIMAL-NOTE-CORRECTION.
  2 FC CORRECTION-KEY             A  36.0 N DE
         If either the date portion of
         TDD-EXP-TEST-ANIMAL-DATE-DE or
         TDD-NOTE-TIME is being
         changed then RECEIVE or ECS
         will concatenate the original
         TDD-EXP-TEST-ANIMAL-DATE-DE,
         the original TDD-NOTE-TIME,
         CORRECTION-DATE, and CORREC-
         TION-TIME to form a string
         that it loads into this field.
         Loaded by Update into AWC-ANI-
         MAL-NOTE-CORR-KEY-LINK-UQ in
         ANIMAL-NOTE-CORRECTION.  The
         first 21 characters are a
         foreign key to TD-ANIMAL-DATA.
  1 EW RECEIVE-UPDATE-KEY         A  54.0 N DE
         Unique key for database trans-
```

FILE...: ANIMAL-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE

       actions.  Elements of key are:
       SEGMENT-ID, MICRO-OR-ECS-FLAG,
       TDD-EXP-TEST-ANIMAL-DATE-DE
       for/from TD-ANIMAL-DATA left-
       justified into 27-byte string,
       TOX-DATA-DATE, TOX-DATA-TIME,
       TOX-MAINFRAME-DATE, TOX-MAIN-
       FRAME-TIME, and a 4-digit se-
       quence number for the trans-
       action in its segment within
       the source set.
```

ANIMAL-OBSERVATION-TRANSACTION

Logical layout of animal observation transactions. Loaded by RECEIVE
and ECS. Read by Update to add, modify, and delete records in the TD-
ANIMAL-DATA file. For corrections, Update also uses the information
to add records to ANIMAL-OBSERVATION-CORRECTION.

```
FILE...: ANIMAL-OBSERVATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
- - -- -- - - --

G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                   A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.
       Used to form RECEIVE-UPDATE-
       KEY.  Set to AO.
  2 AB MICRO-OR-ECS-FLAG            A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE               B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME               B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET              B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
```

```
FILE...: ANIMAL-OBSERVATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                         F   LENG S DE

  2 AI TOX-MAINFRAME-DATE           B    2.0 F
         The date, in TDMS TOX date
         format, on which the source
         set was received.  Used by RE-
         CEIVE and ECS to form RECEIVE-
         UPDATE-KEY. Not referenced by
         Update.
  2 AJ TOX-MAINFRAME-TIME           B    2.0 F
         The time of day, in TDMS TOX
         time format, on which the
         source set was received.  Used
         by RECEIVE and ECS to form RE-
         CEIVE-UPDATE-KEY.  Not refer-
         enced by Update.
  2 AL AGENCY-NUMBER                B    2.0 F
         Foreign key to TBAGENCY.  Not
         referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER        B    2.0 F
         When the transaction is a corresponds-
         rection, this indicates the
         operator who made the correc-
         and is loaded by Update
         into AOC-CORRECTION-OPERATOR
         of ANIMAL-OBSERVATION-CORREC-
         TION.  When appended to DATA-
         FACILITY-NUMBER, a foreign key
         to TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION             B    2.0 F
         The version of LDAS under
         which the source set was
         generated.  Not referenced by
         Update.
  2 AT TOX-DATA-DATE                B    2.0 F
         The date, in TDMS TOX date
         format, on which the trans-
         action was created.  Used by
         RECEIVE and ECS in the form-
         ing of RECEIVE-UPDATE-KEY.
         Used by Update to form the
         EXP-TEST-ANIMAL-DATE-DE value
         that will be added, or select-
```

FILE...: ANIMAL-OBSERVATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                         F   LENG S DE
```

        ed for modification, in TD-
        ANIMAL-DATA. If a correction,
        also used to form AOC-ANIMAL-
        OBS-CORR-KEY-UQ in ANIMAL-OB-
        SERVATION-CORRECTION.

```
  2 AU TOX-DATA-TIME                B   2.0 F
```
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created. Used
        by RECEIVE and ECS in forming
        RECEIVE-UPDATE-KEY. Loaded by
        Update into TDD-OBSERVATION-
        TIME of TD-ANIMAL-DATA. If a
        correction, also used to form
        AOC-ANIMAL-OBS-CORR-KEY-UQ in
        ANIMAL-OBSERVATION-CORRECTION.

```
  2 AV DATA-FACILITY-NUMBER         B   2.0 F
```
        The facility associated with
        the machine on which the
        source set was created. Not
        referenced by Update. A for-
        eign key to TBFACLTY.

```
  2 AW OPERATOR-OR-PATHOLOGIST      B   2.0 F
```
        The operator who created the
        transaction. Loaded by Update
        into TDD-OBSERVATION-OPERATOR-
        ID, and, if an add-with-audit,
        into AOC-OBSERVATION-OPERATOR-
        ID in ANIMAL-OBSERVATION-COR-
        RECTION. When appended to
        DATA-FACILITY-NUMBER, a for-
        eign key to TB_OPERATOR_ID.

```
  2 AX PROCESS-FLAG                 A   2.0 F
```
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively. The second
        digit is either blank, indica-
        ting an original transaction,
        or 'A', indicating an audit
        transaction.

```
FILE...: ANIMAL-OBSERVATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                          F   LENG S DE

  2 AZ DATA-BASE-KEY-LENGTH          B   2.0 F
        The number of digits being
        used in the DATA-BASE-KEY
        field.  Not referenced by Up-
        date.  Set to 13.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS     B   2.0 F
        The number of two-byte binary
        segments of the SEGMENT-TREE-
        KEY field being used.  Set to
        3.
  2 A2 DATA-BASE-INDICATOR           A   1.0 F
        Indicates sub-system.  Set to
        2 for in-life.
  2 A3 DATA-BASE-KEY                 A   14.0 F
        Indicates the cage in which
        the animal being observed is
        located.  (AATTTTTTTCCCC).
        Used by Update to form the
        TDD-EXP-TEST-ANIMAL-DATE-DE
        value that will be added to,
        or selected for modification
        from, TD-ANIMAL-DATA.  If a
        correction, also used to form
        AOC-ANIMAL-OBS-CORR-KEY-UQ of
        ANIMAL-OBSERVATION-CORRECTION.
        The test-cage portion is a
        foreign key to TD-CAGE.
  2 A4 SEGMENT-TREE-KEY              B   20.0 F
        This field is parsed into 10
        2-byte binary sub-fields.
        The first is set to 10; the
        second is set to the number of
        the animal being observed; the
        third is set to 40; the rest
        are unused.  Update uses the
        animal number to form TDD-EXP-
        TEST-ANIMAL-DATE-DE of TD-ANI-
        MAL-DATA and, if a correction,
        to form AOC-ANIMAL-OBS-CORR-
        KEY-UQ of ANIMAL-OBSERVATION-
        CORRECTION.
```

```
FILE...: ANIMAL-OBSERVATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                         F   LENG S DE

G 1 BT OBSERVATION-DATA
        Group embracing segment-speci-
        fic,non-periodic group fields
        of animal observation trans-
        actions.  (There is only one
        field in this group.)
  2 BV MANUAL-ANIMAL-OBSERVATION-FLAG   A    1.0 N
        Flag indicating whether the
        observation was entered during
        a manual entry session.  0 -
        No; 1 - Yes.  Loaded by Update
        into the TDD-MANUAL-ENTRY-
        FLAG-OBS field of the TD-ANI-
        MAL-DATA file, and, if an add-
        with-audit, also into AOC-MAN-
        UAL-ENTRY-FLAG of ANIMAL-OB-
        SERVATION-CORRECTION.
P 1 BY ALL-ANIMAL-OBSERVATION-SETS
        Repeating group embracing segment-
        ment-specific transactions of
        animal observations.
  2 BZ CLINICAL-ANIMAL-OBSERVATION-NUM  B    2.0 N
        Clinical sign observed on the
        animal.  Loaded by Update into
        the TDD-OBSERVATION fields of
        the TD-ANIMAL-DATA file, and,
        if an add-with-audit, into
        AOC-OBSERVATION-DE of ANIMAL-
        OBSERVATION-CORRECTION.  A
        foreign key to TBCLOBSC.
  2 B0 CLINICAL-ANIMAL-OBSERVATION-SITE B    2.0 N
        Site where clinical sign was
        observed.  Foreign key to
        TBCLOBSC.  Loaded by Update
        into TDD-SITE, and, if an add-
        with-audit, into AOC-SITE of
        ANIMAL-OBSERVATION-CORRECTION.
  2 B1 ANIMAL-OBSERVATION-QUALIFIER-1   B    2.0 N
        Size of the clinical sign.
        Foreign key to TBCLOBSC.
        Loaded by Update into TDD-
```

```
FILE...: ANIMAL-OBSERVATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

        EIQUAL1, and, if an add-with-
        audit, into AOC-EIQUAL1 of
        ANIMAL-OBSERVATION-CORRECTION.
  2 B2 ANIMAL-OBSERVATION-QUALIFIER-2  B   2.0 N
        The count for the clinical
        sign.  A foreign key for
        TBCLOBSC.  Loaded by Update
        by Update into TDD-EIQUAL2,
        and, if an add-with-audit, in-
        to AOC-EIQUAL2 of ANIMAL-OB-
        SERVATION-CORRECTION.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE               P   5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update in forming AOC-
        ANIMAL-OBS-CORR-KEY-UQ of ANI-
        MAL-OBSERVATION-CORRECTION.
  2 ER CORRECTION-TIME               P   5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update in
        forming AOC-ANIMAL-OBS-CORR-
        KEY-UQ of ANIMAL-OBSERVATION-
        CORRECTION.
  2 ES CORRECTION-REASON             A   2.0 N
        The correction reason.  For-
        eign key to TBCORRREASON.
        Loaded by Update into AOC-
        CORRECTION-REASON in ANIMAL-
        OBSERVATION-CORRECTION.
  2 ET CORRECTION-NOTE               A  79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to AOC-CORRECTION-NOTE of ANI-
        MAL-OBSERVATION-CORRECTION.
  2 EU CORRECTION-TYPE               A   1.0 N
        Single letter indicating type
        of correction. A-Add, C-Change
```

FILE...: ANIMAL-OBSERVATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE

      D-Delete.  Loaded by Update
      into AOC-CORRECTION-TYPE of
      ANIMAL-OBSERVATION-CORRECTION.
  2 FC CORRECTION-KEY              A   36.0 N DE
      If either the date portion of
      TDD-EXP-TEST-ANIMAL-DATE-DE or
      TDD-OBSERVATION-TIME is being
      changed then RECEIVE or ECS
      will concatenate the original
      TDD-EXP-TEST-ANIMAL-DATE-DE,
      the original TDD-OBSERVATION-
      TIME, CORRECTION-DATE, and
      CORRECTION-TIME to form a
      string that it loads into this
      field.  Loaded by Update into
      AOC-ANIMAL-OBS-CORR-KEY-LINK-
      UQ in ANIMAL-OBSERVATION-COR-
      RECTION.  The first 21 char-
      acters are a foreign key to
      TD-ANIMAL-DATA.
  1 EW RECEIVE-UPDATE-KEY          A   54.0 N DE
      Unique key for database trans-
      actions.  Elements of key are:
      SEGMENT-ID, MICRO-OR-ECS-FLAG,
      TDD-EXP-TEST-ANIMAL-DATE-DE
      for/from TD-ANIMAL-DATA left-
      justified into 27-byte string,
      TOX-DATA-DATE, TOX-DATA-TIME,
      TOX-MAINFRAME-DATE, TOX-MAIN-
      FRAME-TIME, and a 4-digit se-
      quence number for the trans-
      action in its segment within
      the source set.
```

ANIMAL-REMOVAL-TRANSACTION

Logical layout of animal removal transactions. Loaded by RECEIVE
and ECS. Used by Update to modify records in TD-ANIMAL. For
corrections, the information is also used by Update to add records to
ANIMAL-REMOVAL-CORRECTION.

```
FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                 A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.
       Used to form RECEIVE-UPDATE-
       KEY.  Set to AR.
  2 AB MICRO-OR-ECS-FLAG          A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE             B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME             B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET            B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE         B   2.0 F
       The date, in TDMS TOX date
```

FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

      format, on which the source
      set was received. Used by RE-
      CEIVE and ECS to form RECEIVE-
      UPDATE-KEY. Not referenced by
      Update.

  2 AJ TOX-MAINFRAME-TIME   B   2.0 F
      The time of day, in TDMS TOX
      time format, on which the
      source set was received. Used
      by RECEIVE and ECS to form RE-
      CEIVE-UPDATE-KEY. Not refer-
      enced by Update.

  2 AL AGENCY-NUMBER   B   2.0 F
      Foreign key to TBAGENCY.
      Not referenced by Update.

  2 AP ENTRY-OPERATOR-NUMBER   B   2.0 F
      When the transaction is a corresponds-
      rection, this indicates the
      operator making the correction
      and is loaded by Update into
      ARC-CORRECTION-OPERATOR-ID of
      ANIMAL-REMOVAL-CORRECTION.
      When appended to DATA-FACILI-
      TY-NUMBER, a foreign key to
      TB_OPERATOR_ID.

  2 AS SOFTWARE-VERSION   B   2.0 F
      The version of LDAS under
      which the source set was
      generated. Not referenced by
      Update.

  2 AT TOX-DATA-DATE   B   2.0 F
      The date, in TDMS TOX date
      format, on which the trans-
      action was created. Loaded
      by Update into TDA-REMOVAL-
      DATE and TDA-REMOVED-DATE of
      TD-ANIMAL. If an add-with-

FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

       audit, also loaded into ARC-
       REMOVAL-DATE of ANIMAL-REMOV-
       AL-CORRECTION.

  2 AU TOX-DATA-TIME   B   2.0 F
       The time of day, in TDMS TOX
       time format, at which the
       transaction was created.
       Loaded by Update into TDA-RE-
       MOVAL-TIME of TD-ANIMAL. If
       an add-with-audit, also loaded
       into ARC-REMOVAL-TIME of ANI-
       MAL-REMOVAL-CORRECTION.

  2 AV DATA-FACILITY-NUMBER   B   2.0 F
       The facility associated with
       the machine on which the
       source set was created. Not
       referenced by Update. A for-
       eign key to TBFACLTY.

  2 AW OPERATOR-OR-PATHOLOGIST   B   2.0 F
       The operator who created the
       transaction. Loaded by Update
       into TDA-REMOVAL-OPERATOR-ID.
       If an add-with-audit, also
       loaded into ARC-REMOVAL-OPER-
       ATOR-ID of ANIMAL-REMOVAL-COR-
       RECTION. When appended to
       DATA-FACILITY-NUMBER, a for-
       eign key to TB_OPERATOR_ID.

  2 AX PROCESS-FLAG   A   2.0 F
       Two-letter identifier for the
       type of transaction. The first
       digit can be A, C, or D, which
       signifies add, change, or del-
       ete, respectively. The second
       digit is either blank, indica-
       ting an original transaction,
       or 'A', indicating an audit
       transaction.

  2 AZ DATA-BASE-KEY-LENGTH   B   2.0 F
       The number of digits being
       used in the DATA-BASE-KEY

FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                      F   LENG S DE

       field.  Not referenced by Up-
       date.  Set to 13.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS  B    2.0 F
       The number of two-byte binary
       segments of the SEGMENT-TREE-
       KEY field being used.  Set to
       3.
  2 A2 DATA-BASE-INDICATOR        A    1.0 F
       Indicates sub-system.  Set to
       2 for in-life.
  2 A3 DATA-BASE-KEY              A   14.0 F
       Indicates the cage of the animal-
       mal being removed, in the form
       of agency, test, and cage num-
       ber.  (AATTTTTTTCCCC)  Used by
       Update to form the TDA-EXP-
       TEST-ANIMAL-UQ value that it
       uses to select the TD-ANIMAL
       record to which it will apply
       the removal transaction.  If
       a correction, it is used to
       form ARC-ANIMAL-REM-CORR-KEY-
       UQ of ANIMAL-REMOVAL-CORREC-
       TION.  The test-cage portion
       is a foreign key to TD-CAGE.
  2 A4 SEGMENT-TREE-KEY           B   20.0 F
       This field is parsed into 10
       2-byte binary sub-fields.
       Only 3 are used for animal re-
       movals.  The first is set to
       10; the second is the number
       of the animal being removed;
       the third is set to 20.  Up-
       date uses the animal number in
       forming the TDA-EXP-TEST-ANI-
       MAL-UQ value that is uses to
       select the TD-ANIMAL record to
       which it applies the transac-
       .  For corrections, also
       used to form ARC-ANIMAL-REM-
       CORR-KEY-LINK-UQ for ANIMAL-
```

FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

```
        REMOVAL-CORRECTION.
G 1 C1  ANIMAL-REMOVAL-DATA
        Group embracing segment-speci-
        fic, non-repeating group,
        fields in animal removal
        transactions.
  2 C3  CARCASS-IDENTIFICATION       A   14.0 N
        Unique numeric code that iden-
        tifies the animal for patholo-
        gy reports.  Loaded by Update
        into TDA-CARCASS-IDENTIFICA-
        TION-DE of TD-ANIMAL.  If an
        add-with-audit, also loaded
        into ARC-CARCASS-IDENTIFICA-
        TION-DE of ANIMAL-REMOVAL-COR-
        RECTION.
  2 C5  MANUAL-REMOVAL-FLAG          A    1.0 N
        Flag indicating whether remov-
        al was recorded as part of a
        manual entry session.  0 - No;
        1 - Yes.  Loaded by Update
        into TDA-MANUAL-ENTRY-FLAG-
        REM of TD-ANIMAL.  If an add-
        with-audit, also loaded into
        ARC-MANUAL-FLAG of ANIMAL-RE-
        MOVAL-CORRECTION.
  2 C8  DAYS-ON-EXPERIMENT           B    2.0 N
        Dynamically calculated value
        equal to the removal date min-
        us the start date of the anim-
        mal's cage.  For LDAS tests,
        this value is the same as
        days-on-dose.  Loaded by Up-
        date into TDA-DAYS-ON-EXPERI-
        MENT of TD-ANIMAL.  If an add-
        with audit, also loaded into
        ARC-DAYS-ON-EXPERIMENT of ANI-
        MAL-REMOVAL-CORRECTION.
  2 DA  MANUAL-REMOVAL-WEIGHT-FLAG   A    1.0 N
        Flag indicating whether remov-
```

```
FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

        al weight was recorded as part
        of a manual entry session.  0-
        No; 1 - Yes.  Loaded by Update
        into TDA-MANUAL-ENTRY-FLAG-
        WGT of TD-ANIMAL.  If an add-
        with-audit, also loaded into
        ARC-MANUAL-ENTRY-FLAG-WGT of
        ANIMAL-REMOVAL-CORRECTION.
  2 DC REMOVAL-WEIGHT-STATUS        P   5.0 N
        Weight status indicating the
        reason for which a removal
        weight was not taken.  Loaded
        by Update into TDA-REM-WEIGHT-
        STATUS of TD-ANIMAL.  If an
        add-with-audit, also loaded
        into ARC-REM-WEIGHT-STATUS of
        ANIMAL-REMOVAL-CORRECTION.
        Foreign key to TBWGTSTATUS.
  2 DD REMOVAL-WEIGHT               B   4.0 N
        Weight, in decigrams, of the
        animal at removal.  Loaded by
        Update into TDA-ANIMAL-REM-
        WEIGHT of TD-ANIMAL.  If an
        add-with-audit, also loaded
        into ARC-REMOVAL-WEIGHT of AN-
        IMAL-REMOVAL-CORRECTION.
  2 DF REMOVAL-REASON               B   2.0 N
        Reason for removal.  Loaded by
        Update into TDA-REASON-FOR-
        REMOVAL-DE.  f an add-with-
        audit, also loaded into ARC-
        REASON-FOR-REMOVAL-DE of ANI-
        MAL-REMOVAL-CORRECTION.  A
        foreign key to TBCLOBSC.
  2 DH MANUAL-REMOVAL-OBSERVATION-FLAG A   1.0 N
        Flag indicating whether remov-
        al observations were recorded
        as part of a manual entry ses-
        sion. 0 - No; 1 - Yes.  Loaded
        by Update into TDA-MANUAL-EN-
        TRY-FLAG-OBS of TD-ANIMAL.  If
```

FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                       F   LENG S DE

        an add-with-audit, also loaded
        into ARC-MANUAL-ENTRY-FLAG-OBS
        of ANIMAL-REMOVAL-CORRECTION.
P 1 BY ALL-REMOVAL-OBSERVATION-SETS
        Repeating group embracing an-
        imal removal observations.
  2 BZ REMOVAL-OBSERVATION-NUMBER   B   2.0 N
        Code for clinical sign object-
        served on animal being re-
        moved.  Loaded by Update into
        TDA-OBSERVATION of TD-ANIMAL.
        If an add-with-audit, also
        loaded into ARC-OBSERVATION-DE
        of ANIMAL-REMOVAL-CORRECTION.
        Foreign key to TBCLOBSC.
  2 B0 REMOVAL-OBSERVATION-SITE      B   2.0 N
        Code for site of clinical sign
        when that sign requires that
        a site be specified.  Loaded
        by Update into TDA-SITE of TD-
        ANIMAL.  If an add-with-audit,
        also loaded into ARC-SITE of
        ANIMAL-REMOVAL-CORRECTION.
        Foreign key to TBCLOBSC.
  2 B1 REMOVAL-QUALIFIER-1           B   2.0 N
        Code for the size of the clin-
        ical sign when that sign re-
        quires that a size be speci-
        fied.  Loaded by Update into
        TDA-EIQUAL1 of TD-ANIMAL.  If
        an add-with-audit, also loaded
        into ARC-EIQUAL1 of ANIMAL-RE-
        MOVAL-CORRECTION.  Foreign key
        to TBCLOBSC.
  2 B2 REMOVAL-QUALIFIER-2           B   2.0 N
        Code for the count of the
        clinical sign when that sign
        requires that count be speci-
        fied.  Loaded by Update into
        TDA-EIQUAL2 of TD-ANIMAL.  If
        an add-with-audit, also loaded
```

```
FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE

        into ARC-EIQUAL2 of ANIMAL-RE-
        MOVAL-CORRECTION.  Foreign key
        to TBCLOBSC.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE            P   5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update to form ARC-AN-
        IMAL-REM-CORR-KEY-UQ of ANI-
        MAL-REMOVAL-CORRECTION.
  2 ER CORRECTION-TIME            P   5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update to
        form ARC-ANIMAL-REM-CORR-KEY-
        UQ of ANIMAL-REMOVAL-CORREC-
        TION.
  2 ES CORRECTION-REASON          A   2.0 N
        Correction reason.  Foreign
        key to TBCORRREASON.  Loaded
        by Update into ARC-CORRECTION-
        REASON of ANIMAL-REMOVAL-COR-
        RECTION.
  2 ET CORRECTION-NOTE            A  79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to ARC-CORRECTION-NOTE of ANI-
        MAL-REMOVAL-CORRECTION.
  2 EU CORRECTION-TYPE            A   1.0 N
        Single letter indicating type
        of correction. A-Add, C-Change
        D-Delete.  Loaded by Update
        into ARC-CORRECTION-TYPE of
        ANIMAL-REMOVAL-CORRECTION.
  2 EX CORRECTION-KEY             A  26.0 N DE
        No value assigned by RECEIVE
        or ECS.  Update loads the
```

FILE...: ANIMAL-REMOVAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE

      field into ANIMAL-REM-CORR-
      KEY-LINK-UQ in ANIMAL-REMOVAL-
      CORRECTION.
  1 EW RECEIVE-UPDATE-KEY          A   54.0 N DE
      Unique key for database trans-
      actions.  Elements of key are:
      SEGMENT-ID, MICRO-OR-ECS-FLAG,
      TDA-EXP-TEST-ANIMAL-UQ from
      TD-ANIMAL left-justified into
      a 27-byte string, TOX-DATA-
      DATE, TOX-DATA-TIME, TOX-MAIN-
      FRAME-DATE, TOX-MAINFRAME-
      TIME, and a 4-digit sequence
      number of the transaction for
      its segment within the source
      set.
```

ANIMAL-TRANSFER-TRANSACTION

Logical layout for animal transfer transactions. Loaded by RECEIVE
and ECS. Processed by Update to modify records in the TD-ANIMAL
file. For corrections, Update also uses the information to add records to
the ANY-ANIMAL-CORRECTION file.

```
FILE...: ANIMAL-TRANSFER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                     F   LENG S DE
- - -- -- - - --

G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID               A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.
       Used to form RECEIVE-UPDATE-
       KEY.  Set to AT.
  2 AB MICRO-OR-ECS-FLAG        A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE           B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME           B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET          B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE       B   2.0 F
       The date, in TDMS TOX date
```

```
FILE...: ANIMAL-TRANSFER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

       format, on which the source
       set was received.  Used by RE-
       CEIVE and ECS to form RECEIVE-
       UPDATE-KEY.  Not referenced by
       Update.
  2 AJ TOX-MAINFRAME-TIME          B    2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set was received.  Used
       by RECEIVE and ECS to form RE-
       CEIVE-UPDATE-KEY.  Not refer-
       enced by Update.
  2 AL AGENCY-NUMBER               B    2.0 F
       Foreign key to TBAGENCY.
       Not referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER       B    2.0 F
       When the transaction is a corresponds-
       rection, this indicates the
       operator ID for the person
       making the correction and is
       loaded by Update into ATC-COR-
       RECTION-OPERATOR-ID of ANIMAL-
       TRANSFER-CORRECTION.  When
       appended to DATA-FACILITY-
       NUMBER, a foreign key to
       TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION            B    2.0 F
       The version of LDAS under
       which the source set was
       generated.  Not referenced by
       Update.
  2 AT TOX-DATA-DATE               B    2.0 F
       The date, in TDMS TOX date
       format, on which the trans-
       action was created.  Duplicate
       of TOX-ALLOCATION-DATE.  If an
       add-with-audit, loaded by Up-
       date into ATC-TRANSFER-DATE of
       ANIMAL-TRANSFER-CORRECTION.
  2 AU TOX-DATA-TIME               B    2.0 F
       The time of day, in TDMS TOX
```

FILE...: ANIMAL-TRANSFER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE

        time format, at which the
        transaction was created.  Dup-
        licate of TOX-ALLOCATION-TIME.
        If an add-with-audit, loaded
        by Update into ATC-TRANSFER-
        TIME of ANIMAL-TRANSFER-COR-
        RECTION.
  2 AV DATA-FACILITY-NUMBER         B   2.0 F
        The facility associated with
        the machine on which the
        source set was created.  Not
        referenced by Update.  A for-
        eign key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST      B   2.0 F
        The ID of the operator who
        created the transaction.
        Loaded by Update into TDA-
        TRANSFER-OPERATOR-ID of TD-
        ANIMAL, and, if a correction,
        into ATC-TRANSFER-OPERATOR-ID
        of ANIMAL-TRANSFER-CORRECTION.
        When appended to DATA-FACILI-
        TY-NUMBER, a foreign key to
        TB_OPERATOR_ID.
  2 AX PROCESS-FLAG                 A   2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
        or 'A', indicating an audit
        transaction.
  2 AZ DATA-BASE-KEY-LENGTH         B   2.0 F
        The number of digits being
        used in the DATA-BASE-KEY
        field.  Not referenced by Up-
        date.  Set to 13.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS    B   2.0 F
        The number of two-byte binary
```

```
FILE...: ANIMAL-TRANSFER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                       F   LENG S DE

        segments of the SEGMENT-TREE-
        KEY field being used.  Set to
        3.
   2 A2 DATA-BASE-INDICATOR        A    1.0 F
        Indicates sub-system.  Set to
        2 for in-life.
   2 A3 DATA-BASE-KEY              A   14.0 F
        Indicates the agency-test-cage
        number to which the transac-
        applies.  (AATTTTTTTCCCC)
        Used by Update to form the
        value of TDA-EXP-TEST-ANIMAL-
        UQ of TD-ANIMAL that identi-
        fies the record being trans-
        ferred (updated).  If also a
        correction, used by Update to
        form ATC-ANIMAL-TRAN-CORR-KEY-
        UQ of ANIMAL-TRANSFER-CORREC-
        TION.  The test-cage portion
        is a foreign key to TD-CAGE.
   2 A4 SEGMENT-TREE-KEY           B   20.0 F
        This field is parsed into 10
        2-byte binary sub-fields.
        Only 3 are used.  The first is
        set to 10; the second is set
        to the animal number being
        transferred; the third is set
        to 15.  The animal number is
        used to form a TDA-EXP-TEST-
        ANIMAL-UQ value to select the
        record in TD-ANIMAL to update
        with transfer information.  If
        a correction, used by Update
        to form ATC-ANIMAL-TRAN-CORR-
        KEY-UQ of ANIMAL-TRANSFER-
        CORRECTION.
G 1 CX ANIMAL-TRANSFER-DATA
        Group embracing segment-speci-
        fic fields in animal transfer
        transactions.
   2 CY NEW-CAGE-NUMBER            P    5.0 N
```

```
FILE...: ANIMAL-TRANSFER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                         F   LENG S DE
```

       Number of cage to which the
       animal is being transferred.
       Loaded by Update into the
       TDA-HOSPITAL-CAGE-DE field of
       the TD-ANIMAL file. If an
       add-with-audit, loaded by Up-
       date into ATC-HOSPITAL-CAGE of
       ANIMAL-TRANSFER-CORRECTION.

```
  2 CZ TOX-ALLOCATION-DATE           B   2.0 N
```
       The date, in TDMS TOX date
       format, on which the animal
       was transferred to the new
       cage. Duplicate of TOX-DATA-
       DATE. Loaded by Update into
       TDA-TRANSFER-DATE of TD-ANIMAL

```
  2 C0 TOX-ALLOCATION-TIME           B   2.0 N
```
       The time of day, in TDMS TOX
       time format, at which the
       animal was transferred. Du-
       plicate of TOX-DATA-TIME.
       Loaded by Update into TDA-
       TRANSFER-TIME of TD-ANIMAL.

```
G 1 EP CORRECTION-PORTION
```
       Group embracing segment-common
       correction fields.

```
  2 EQ CORRECTION-DATE               P   5.0 N
```
       Date, in TDMS TOX date format,
       on which correction was made.
       Used by Update to form ATC-
       ANIMAL-TRAN-CORR-KEY-UQ of
       ANIMAL-TRANSFER-CORRECTION.

```
  2 ER CORRECTION-TIME               P   5.0 N
```
       Time of day, in TDMS TOX time
       format, at which correction
       was made. Used by Update to
       form ATC-ANIMAL-TRAN-CORR-KEY-
       UQ of ANIMAL-TRANSFER-CORREC-
       TION.

```
  2 ES CORRECTION-REASON             A   2.0 N
```
       Correction reason. Loaded by
       Update into ATC-CORRECTION-

FILE...: ANIMAL-TRANSFER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE

      REASON of ANIMAL-TRANSFER-COR-
      RECTION.  Foreign key to
      TBCORRREASON.
  2 ET CORRECTION-NOTE             A   79.0 N
      Free text describing the corresponds-
      rection.  Loaded by Update in-
      to ATC-CORRECTION-NOTE of ANI-
      MAL-TRANSFER-CORRECTION.
  2 EU CORRECTION-TYPE             A    1.0 N
      Single letter indicating type
      of correction. A-Add, C-Change
      D-Delete.  Loaded by Update
      into ATC-CORRECTION-TYPE of
      ANIMAL-TRANSFER-CORRECTION.
  2 EX CORRECTION-KEY              A   26.0 N DE
      Not assigned a value by ECS or
      RECEIVE.  Loaded by Update in-
      to ATC-ANIMAL-TRAN-CORR-KEY-
      LINK-UQ in ANIMAL-TRANSFER-
      CORRECTION.
  1 EW RECEIVE-UPDATE-KEY          A   54.0 N DE
      Unique key for database trans-
      actions.  Elements of key are:
      SEGMENT-ID, MICRO-OR-ECS-FLAG,
      TDA-EXP-TEST-ANIMAL-UQ from
      TD-ANIMAL left-justified into
      a 27-byte string, TOX-DATA-
      DATE, TOX-DATA-TIME, TOX-MAIN-
      FRAME-DATE, TOX-MAINFRAME-
      TIME, and a 4-digit sequence
      number of the transaction for
      its segment within the source
      set.
```

ANIMAL-WEIGHT-TRANSACTION

Logical layout of animal weight transactions. Loaded by RECEIVE and
ECS. Read by Update to add, modify, and delete records in the TD-
ANIMAL-DATA file. For corrections, Update also uses the information
to add records to the ANIMAL-WEIGHT-CORRECTION file.

```
FILE...: ANIMAL-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE
- - -- -- - - --

G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                 A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.
       Used to form RECEIVE-UPDATE-
       KEY.  Set to AW.
  2 AB MICRO-OR-ECS-FLAG          A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE             B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME             B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET            B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE         B   2.0 F
```

```
FILE...: ANIMAL-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                          F    LENG S DE

        The date, in TDMS TOX date
        format, on which the source
        set was received.  Used by RE-
        CEIUE and ECS to form RECEIVE-
        UPDATE-KEY.  Not referenced by
        Update.
  2 AJ TOX-MAINFRAME-TIME            B    2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Not refer-
        enced by Update.
  2 AL AGENCY-NUMBER                 B    2.0 F
        A foreign key to TBAGENCY.
        Not referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER         B    2.0 F
        When the transaction is a corresponds-
        rection, this indicates the
        operator ID for the person
        making the correction, and is
        loaded by Update into AWC-COR-
        RECTION-OPERATOR-ID of ANIMAL-
        WEIGHT-CORRECTION.  When ap-
        pended to DATA-FACILITY-NUMBER
        a foreign key to TB_OPERATOR_-
        ID.
  2 AS SOFTWARE-VERSION              B    2.0 F
        The version of LDAS under
        which the source set was
        generated.  Not referenced by
        Update.
  2 AT TOX-DATA-DATE                 B    2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created.  Used by
        RECEIVE and ECS in forming RE-
```

```
FILE...: ANIMAL-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                       F   LENG S DE

      CEIVE-UPDATE-KEY.   Used by
      Update to form the TDD-EXP-
      TEST-ANIMAL-DATE-DE value that
      will be added or modified to
      TD-ANIMAL-DATA.  If a correc-
      , also used to form AWC-
      ANIMAL-WGT-CORR-KEY-UQ of
      ANIMAL-WEIGHT-CORRECTION.
  2 AU TOX-DATA-TIME               B   2.0 F
      The time of day, in TDMS TOX
      time format, at which the
      transaction was created.  Used
      by RECEIVE and ECS to form RE-
      CIEVE-UPDATE-KEY.  Loaded by
      Update into TDD-WEIGHT-TIME of
      TD-ANIMAL.  If a correction,
      also used to form AWC-ANIMAL-
      WGT-CORR-KEY-UQ of ANIMAL-
      WEIGHT-CORRECTION.
  2 AV DATA-FACILITY-NUMBER        B   2.0 F
      The facility associated with
      the machine on which the
      source set was created.  Not
      referenced by Update.  A for-
      eign key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST     B   2.0 F
      The ID of the operator who
      created the transaction.
      Loaded by Update into TDD-
      WEIGHT-OPERATOR-ID of TD-ANI-
      MAL-DATA, and, if an add-with-
      audit, into AWC-WEIGHT-OPERA-
      TOR-ID of ANIMAL-WEIGHT-COR-
      RECTION.  When appended to
      DATA-FACILITY-NUMBER, a for-
      eign key to TB_OPERATOR_ID.
  2 AX PROCESS-FLAG                A   2.0 F
      Two-letter identifier for the
      type of transaction. The first
      digit can be A, C, or D, which
      signifies add, change, or del-
```

```
FILE...: ANIMAL-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

       ete, respectively.  The second
       digit is either blank, indica-
       ting an original transaction,
       or 'A', indicating an audit
       transaction.
  2 AZ DATA-BASE-KEY-LENGTH         B   2.0 F
       The number of digits being
       used in the DATA-BASE-KEY
       field.  Not referenced by Up-
       date.  Set to 13.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS    B   2.0 F
       The number of two-byte binary
       segments of the SEGMENT-TREE-
       KEY field being used.  Set to
       2.
  2 A2 DATA-BASE-INDICATOR          A   1.0 F
       Indicates sub-system.  Set to
       2 for in-life.
  2 A3 DATA-BASE-KEY               A   14.0 F
       Indicates the number of the
       agency-test-cage number where
       the animal being observed is
       located.  (AATTTTTTTCCCC)
       Used by Update to form the
       EXP-TEST-ANIMAL-DATE-DE value
       that will be added to, or se-
       lected from, TD-ANIMAL-DATE.
       If a correction, also used to
       form AWC-ANIMAL-WGT-CORR-KEY-
       UQ of ANIMAL-WEIGHT-CORREC-
       TION.  The test-cage portion
       is a foreign key to TD-CAGE.
  2 A4 SEGMENT-TREE-KEY            B   20.0 F
       This field is parsed into 10
       2-byte binary sub-fields.
       Only 3 are used for animal
       weight transactions.  The
       first is set to 10; the second
       is set to the number of the
       animal being observed; the
       third is set to 30.  Update
```

FILE...: ANIMAL-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE
```

```
        used the animal number to form
        TDD-EXP-TEST-ANIMAL-DATE-DE FO
        for TD-ANIMAL-DATA, and, if a
        correction, to form AWC-ANI-
        MAL-WGT-CORR-KEY-UQ of ANIMAL-
        WEIGHT-CORRECTION.
G 1 B3 ANIMAL-WEIGHT-DATA
        Group embracing segment-speci-
        fic fields of animal weight
        transactions.
  2 B5 ANIMAL-MANUAL-WEIGHT-FLAG      A   1.0 N
        Flag indicating whether animal
        weight was manually entered.
        0 - Automatically recorded
        from attached scale 1 - Man-
        ually entered.  Loaded by
        Update into the TDD-MANUAL-
        ENTRY-FLAG-WGT field of the
        TD-ANIMAL-DATA file.  If an
        add-with-audit, also loaded
        into AWC-MANUAL-ENTRY-FLAG-WGT
        of ANIMAL-WEIGHT-CORRECTION.
  2 B7 ANIMAL-WEIGHT-STATUS           P   5.0 N
        When no weight is recorded,
        status code that explains why
        weight was not recorded.
        Loaded by Update into the
        field TDD-WEIGHT-STATUS of the
        TD-ANIMAL-DATA file.  If an
        add-with-audit, also loaded
        into AWC-WEIGHT-STATUS of ANI-
        MAL-WEIGHT-CORRECTION.  For-
        eign key to TBWGTSTATUS.
  2 B8 ANIMAL-WEIGHT                  B   4.0 N
        Weight of animal, expressed in
        decigrams.  Loaded by Update
        into the TDD-ANIMAL-WEIGHT of
        the TD-ANIMAL-DATA file.  If
        an add-with-audit, also loaded
        into AWC-ANIMAL-WEIGHT of ANI-
        MAL-WEIGHT-CORRECTION.
```

```
FILE...: ANIMAL-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                        F   LENG S DE

G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE             P   5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update in forming
        AWC-ANIMAL-WGT-CORR-KEY-UQ of
        ANIMAL-WEIGHT-CORRECTION.
  2 ER CORRECTION-TIME             P   5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update in
        forming AWC-ANIMAL-WGT-CORR-
        KEY-UQ of ANIMAL-WEIGHT-COR-
        RECTION.
  2 ES CORRECTION-REASON           A   2.0 N
        Correction reason.  Loaded by
        Update into AWC-CORRECTION-
        REASON of ANIMAL-WEIGHT-COR-
        RECTION.  Foreign key to
        TBCORRREASON.
  2 ET CORRECTION-NOTE             A  79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to AWC-CORRECTION-NOTE of ANI-
        MAL-WEIGHT-CORRECTION.
  2 EU CORRECTION-TYPE             A   1.0 N
        Single letter indicating type
        of correction. A-Add, C-Change
        D-Delete.  Loaded by Update
        into AWC-CORRECTION-TYPE of
        ANIMAL-WEIGHT-CORRECTION.
  2 FC CORRECTION-KEY              A  36.0 N DE
        If either the date portion of
        TDD-EXP-TEST-ANIMAL-DATE-DE or
        TDD-WEIGHT-TIME is being
        changed then RECEIVE or ECS
        will concatenate the original
        TDD-EXP-TEST-ANIMAL-DATE-DE,
        the original TDD-WEIGHT-TIME,
```

FILE...: ANIMAL-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

          CORRECTION-DATE, and CORREC-
          TION-TIME to form a string
          that it loads into this field.
          Loaded by Update into AWC-ANI-
          MAL-WGT-CORR-KEY-LINK-UQ in
          ANIMAL-WEIGHT-CORRECTION.
          First 21 characters form a
          foreign key to TD-ANIMAL-
          DATA.
    1 EW RECEIVE-UPDATE-KEY   A   54.0 N DE
          Unique key for database trans-
          actions. Elements of key are:
          SEGMENT-ID, MICRO-OR-ECS-FLAG,
          TDD-EXP-TEST-ANIMAL-DATE-DE
          for/from TD-ANIMAL-DATA left-
          justified into 27-byte string,
          TOX-DATA-DATE, TOX-DATA-TIME,
          TOX-MAINFRAME-DATE, TOX-MAIN-
          FRAME-TIME, and a 4-digit se-
          quence number for the trans-
          action in its segment within
          the source set.

ANY-ANIMAL-TRANSACTION

Logical layout for animal allocation transactions. Loaded by RECEIVE
and ECS. Processed by Update to add, modify, or delete records
to/from the TD-ANIMAL file. For corrections, Update also uses the
information to add records to the ANY-ANIMAL-CORRECTION file.

```
FILE...: ANY-ANIMAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE
- - -- -- - - --

G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                 A   2.0 F
       Two-letter segment identifier.
       Set to AA.  Used to form RE-
       CEIVE-UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG          A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE             B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME             B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET            B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE         B   2.0 F
       The date, in TDMS TOX date
       format, on which the source
```

```
FILE...: ANY-ANIMAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                        F   LENG S DE
```

```
        set was received.  Used by RE-
        CIEVE and ECS to form RECEIVE-
        UPDATE-KEY.  Not referenced by
        Update.
  2 AJ TOX-MAINFRAME-TIME           B   2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received.  Used
        by RECEIVE and ECS to form
        RECEIVE-UPDATE-KEY.  Not re-
        ferenced by Update.
  2 AL AGENCY-NUMBER                B   2.0 F
        Foreign key to TBAGENCY.  Not
        referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER        B   2.0 F
        When the transaction is a corresponds-
        rection, this indicates the
        operator ID for the person
        making the correction and is
        loaded by Update into AAC-COR-
        RECTION-OPERATOR-ID of ANY-
        ANIMAL-CORRECTION.  When ap-
        pended to DATA-FACILITY-NUMBER
        it is a foreign key to
        TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION             B   2.0 F
        The version of LDAS under
        which the source set was
        generated.  Not referenced by
        Update.
  2 AT TOX-DATA-DATE                B   2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created.  Loaded by
        Update into TDA-ANIMAL-DATE of
        TD-ANIMAL.  If an add-with-
        audit, also loaded into AAC-
```

FILE...: ANY-ANIMAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                     F   LENG S DE

      ANIMAL-DATE of ANY-ANIMAL-COR-
      RECTION.
  2 AU TOX-DATA-TIME            B   2.0 F
      The time of day, in TDMS TOX
      time format, at which the
      transaction was created.
      Loaded by Update into TDA-ANI-
      MAL-TIME.  If an add-with-aud-
      it, also loaded into AAC-ANI-
      MAL-TIME of ANY-ANIMAL-CORREC-
      TION.
  2 AV DATA-FACILITY-NUMBER     B   2.0 F
      The facility associated with
      the machine on which the
      source set was created.  Not
      referenced by Update.  A for-
      eign key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST  B   2.0 F
      The ID of the operator who
      created the transaction.
      Loaded by Update into TDA-
      ANIMAL-OPERATOR-ID.  If an add
      add-with-audit, loaded into
      AAC-ANIMAL-OPERATOR-ID of
      ANY-ANIMAL-CORRECTION.  When
      appended to DATA-FACILITY-
      NUMBER, a foreign key to
      TB_OPERATOR_ID.
  2 AX PROCESS-FLAG             A   2.0 F
      Two-letter identifier for the
      type of transaction. The first
      digit can be A, C, or D, which
      signifies add, change, or del-
      ete, respectively.  The second
      digit is either blank, indica-
      ting an original transaction,
      or 'A', indicating an audit
      transaction.
  2 AZ DATA-BASE-KEY-LENGTH     B   2.0 F
      The number of digits being
      used in the DATA-BASE-KEY
```

FILE...: ANY-ANIMAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE

      field.  Set to 13.  Not refer-
      enced by Update.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS    B   2.0 F
      The number of two-byte binary
      segments of the SEGMENT-TREE-
      KEY field being used.  Set to
      2.
  2 A2 DATA-BASE-INDICATOR          A   1.0 F
      Indicates sub-system.  Set to
      1 for in-life.
  2 A3 DATA-BASE-KEY                A   14.0 F
      Indicates the agency, test,
      and cage to which the trans-
      action applies. Used by Up-
      date to form TDA-EXP-TEST-ANI-
      MAL-UQ of TD-ANIMAL, and, if
      a correction, AAC-ANY-ANIMAL-
      CORR-KEY-UQ of ANY-ANIMAL-
      CORRECTION.   The test and
      cage portion forms a foreign
      key to TD-CAGE.
  2 A4 SEGMENT-TREE-KEY             B   20.0 F
      This field is parsed into 10
      2-byte binary sub-fields.  On-
      ly the first two are used.
      The first is set to 10; the
      second is set to the animal
      number being allocated.  Up-
      date uses the animal number to
      form TDA-EXP-TEST-ANIMAL-UQ of
      TD-ANIMAL, and, if a correc-
      , AAC-ANY-ANIMAL-CORR-KEY-
      UQ of ANY-ANIMAL-CORRECTION.
G 1 BC ANY-ANIMAL-DATA
      Group embracing all fields
      specific to the animal alloca-
      segment.
  2 BE ANIMAL-NUMBER               B   2.0 N
      The number of the animal being
      allocated.  Same as the second
      item in SEGMENT-TREE-KEY.  Up-
```

```
FILE...: ANY-ANIMAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                         F   LENG S DE

       date does not reference this
       field, using SEGMENT-TREE-KEY
       instead.
  2 BF ANIMAL-ID                    A   1.0 N
       Loaded by ECS only for legacy
       purposes.  Loaded by Update to
       TDA-ANIMAL-IDENTIFICATION of
       TD-ANIMAL.  If an add-with-
       audit, also loaded to AAC-ANI-
       MAL-IDENTIFICATION of ANY-ANI-
       MAL-CORRECTION.
  2 BG SEX                          A   1.0 N
       Sex of animal as defined in
       test protocol.  Loaded by
       Update into TDA-SEX of TD-ANI-
       MAL.  If an add-with-audit,
       also loaded into AAC-SEX of
       ANY-ANIMAL-CORRECTION.
  2 BH SPECIES                      B   2.0 N
       The species code of the animal
       as defined in test protocol.
       Loaded by Update into TDA-SPE-
       CIES of TD-ANIMAL.  If an add-
       with-audit, also loaded into
       AAC-SPECIES of ANY-ANIMAL-COR-
       RECTION.  Foreign key to
       TBSTRAIN.
  2 BI STRAIN                       B   2.0 N
       The strain code of the animal
       as defined in test protocol.
       Loaded by Update into TDA-
       STRAIN of TD-ANIMAL.  If an
       add-with-audit, also loaded
       into AAC-STRAIN of ANY-ANIMAL-
       CORRECTION.  Foreign key to
       TBSTRAIN.
  2 BJ SUBSTRAIN                    B   2.0 N
       The substrain code of the animal-
       mal as defined in test proto-
       col.  Loaded by Update into
       TDA-SUBSTRAIN of TD-ANIMAL.
```

```
FILE...: ANY-ANIMAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                      F   LENG S DE

        If an add-with-audit, also
        loaded into AAC-SUBSTRAIN of
        ANY-ANIMAL-CORRECTION.  For-
        eign key to TBSUBSTR.
  2 BK ANIMAL-CLASS              B   2.0 N
        The animal class code as de-
        fined in test protocol.  Load-
        ed by Update into TDA-ANIMAL-
        CLASS of TD-ANIMAL.  If an
        add-with-audit, also loaded
        into AAC-ANIMAL-CLASS of ANY-
        ANIMAL-CORRECTION.  Foreign
        key to TBANCLQF.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE           P   5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update to form AAC-
        ANY-ANIMAL-CORR-KEY-UQ of ANY-
        ANIMAL-CORRECTION.
  2 ER CORRECTION-TIME           P   5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update to
        form AAC-ANY-ANIMAL-CORR-KEY-
        UQ of ANY-ANIMAL-CORRECTION.
  2 ES CORRECTION-REASON         A   2.0 N
        Code for correction reason.
        Loaded by Update into AAC-COR-
        RECTION-REASON of ANY-ANIMAL-
        CORRECTION.  Foreign key to
        TBCORRREASON.
  2 ET CORRECTION-NOTE           A  79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to AAC-CORRECTION-NOTE of ANY-
        ANIMAL-CORRECTION.
  2 EU CORRECTION-TYPE           A   1.0 N
        Single letter indicating type
```

```
FILE...: ANY-ANIMAL-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                         F   LENG S DE
        of correction. A-Add, C-Change
        D-Delete.  Loaded by Update
        into AAC-CORRECTION-TYPE of
        ANY-ANIMAL-CORRECTION.
  2 EX CORRECTION-KEY               A   26.0 N DE
        If the animal number is being
        changed by ECS, then the orig-
        inal value of TDA-EXP-TEST-
        ANIMAL-UQ from TD-ANIMAL, COR-
        RECTION-DATE, and CORRECTION-
        TIME are concatenated into
        this field.  Loaded by Update
        into AAC-ANY-ANIMAL-CORR-KEY-
        LINK-UQ of ANY-ANIMAL-CORREC-
        TION.  The first 16 characters
        form a foreign key to TD-ANI-
        MAL.
  1 EW RECEIVE-UPDATE-KEY           A   54.0 N DE
        Unique key for database trans-
        actions.  Elements of key are:
        SEGMENT-ID, MICRO-OR-ECS-FLAG,
        TDA-EXP-TEST-ANIMAL-UQ for/
        from TD-ANIMAL left-justified
        into 27-byte string, TOX-DATA-
        DATE, TOX-DATA-TIME, TOX-MAIN-
        FRAME-DATE, TOX-MAINFRAME-
        TIME, and 4-digit sequence
        number of the transaction for
        its segment in the source set.
  1 GA ANY-ANIMAL-KEY               A    9.0 N SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                    3      9
        ANIMAL-NUMBER                    1      2

        Super-key whose elements are
        the test number (7) and the
        animal (B2).
```

ANY-MICRO-OBS-TRANSACTION

Logical layout of microscopic observation transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-ORGAN-DATA file. For corrections, also used to add records to ANY-MICRO-OBS-CORRECTION.

```
FILE...: ANY-MICRO-OBS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
- - --  -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                   A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to MO.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG            A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE               B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME               B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET              B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE           B   2.0 F
       The date, in TDMS TOX date
```

FILE...: ANY-MICRO-OBS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

        format, on which the source
        set was received. Used by RE-
        CEIVE and ECS to form RECEIVE-
        UPDATE-KEY. Not referenced by
        Update.
  2 AJ TOX-MAINFRAME-TIME   B   2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received. Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY. Not refer-
        enced by Update.
  2 AL AGENCY-NUMBER   B   2.0 F
        Foreign key to TBAGENCY. Not
        referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER   B   2.0 F
        When the transaction is a corresponds-
        rection, this indicates the
        operator ID for the person
        making the correction and is
        loaded by Update into MOC-COR-
        RECTION-OPERATOR-ID in ANY-
        MICRO-OBS-CORRECTION. When
        appended to DATA-FACILITY-NUM-
        BER, a foreign key to TB_OPER-
        ATOR_ID.
  2 AS SOFTWARE-VERSION   B   2.0 F
        The version of LDAS under
        which the source set was
        generated. Not referenced by
        Update.
  2 AT TOX-DATA-DATE   B   2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created. Used by
        Update to form the value of
        TDH-ORGAN-OBSERVATION-ID-DE
        that will be added to, or se-
        lected for modification from,
        TD-ORGAN-DATA. For a correc-
        , used to form MOC-MICRO-

FILE...: ANY-MICRO-OBS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                         F   LENG S DE


      OBS-CORR-KEY-UQ for ANY-MICRO-
      OBS-CORRECTION.
  2 AU TOX-DATA-TIME                 B   2.0 F
      The time of day, in TDMS TOX
      time format, at which the
      transaction was created.
      Loaded by Update into TDH-MIC-
      RO-OBSERVATION-SEQUENCE in TD-
      ORGAN-DATA.  For a correction,
      used to form MOC-MICRO-OBS-
      CORR-KEY-UQ for ANY-MICRO-OBS-
      CORRECTION.
  2 AV DATA-FACILITY-NUMBER          B   2.0 F
      The facility associated with
      the machine on which the
      source set was created.  Not
      referenced by Update.  Foreign
      key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST       B   2.0 F
      The operator number of the
      pathologist who is assigned
      to the test.  Loaded by Up-
      date into TDH-MICRO-OBS-PATHO-
      LOGIST-ID in TD-ORGAN-DATA.
      If an add-with-audit, also
      loaded into MOC-MICRO-OBS-
      PATHOLOGIST-ID in ANY-MICRO-
      OBS-CORRECTION.  When appended
      to DATA-FACILITY-NUMBER, a
      foreign key to TB_OPERATOR_ID.
  2 AX PROCESS-FLAG                  A   2.0 F
      Two-letter identifier for the
      type of transaction. The first
      digit can be A, C, or D, which
      signifies add, change, or del-
      ete, respectively.  The second
      digit is either blank, indica-
      ting an original transaction,
      or 'A', indicating an audit
      transaction.
```

```
FILE...: ANY-MICRO-OBS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                           F   LENG S DE

  2 AZ DATA-BASE-KEY-LENGTH           B    2.0 F
        The number of digits being
        used in the DATA-BASE-KEY
        field.  Not referenced by Up-
        date.  Set to 14.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS      B    2.0 F
        The number of two-byte binary
        segments of the SEGMENT-TREE-
        KEY field being used.  Set to
        6.
  2 A2 DATA-BASE-INDICATOR           A    1.0 F
        Indicates sub-system.  Set to
        3 for pathology.
  2 A3 DATA-BASE-KEY                 A   14.0 F
        The carcass ID (CID) for the
        animal from which the organ
        being observed was taken.
        Used by Update to select the
        master TD-ANIMAL record for
        the transaction.
  2 A4 SEGMENT-TREE-KEY              B   20.0 F
        This field is parsed into 10
        2-byte binary sub-fields.
        The second is for pathologist
        type and is set to "A"; the
        fourth is the organ; the sixth
        is the lesion.  The organ code
        and pathologist type are used
        by Update to form TDH-MICRO-
        OBSERVATION-ID-DE, and MOC-
        MICRO-OBS-CORR-KEY-UQ for ANY-
        MICRO-OBS-CORRECTION.  The or-
        gan and lesion codes are for-
        eign keys to TBPCT.  Update
        does not used the lesion code,
        using the MORPHOLOGY-NUMBER
        value, which is the same.
G 1 DV MICRO-OBSERVATION-DATA
        Group embracing segment-speci-
        fic fields of microscopic obs-
        servation transactions.
```

Data Dictionary: TDMS   **215**   **TS-1005-2.2**

```
FILE...: ANY-MICRO-OBS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                           F   LENG S DE

  2 DW MICRO-OBSERVATION-OPERATOR     B   2.0 N
       ID of operator who recorded
       the microscopic observation.
       Loaded by Update into TDH-MIC-
       RO-OBS-OPERATOR-ID in TD-ORG-
       AN-DATA.  If an add-with-aud-
       it, also loaded into MOC-MIC-
       RO-OBS-OPERATOR-ID in ANY-MIC-
       RO-OBS-CORRECTION.  When ap-
       pended to DATA-FACILITY-NUMBER
       it is a foreign key to
       TB_OPERATOR_ID.
  2 DY PRIMARY-SITE                    B   2.0 N
       Organ from which the micro-
       scopic observation metasta-
       sized.  (Blank indicates that
       organ is original site.)
       Loaded by Update into TDH-PRI-
       MARY-SITE in TD-ORGAN-DATA.
       If an add-with-audit, also
       loaded into MOC-PRIMARY-SITE
       in ANY-MICRO-OBS-CORRECTION.
       Foreign key to TBPCT.
  2 FR TRACE-LESION-NUMBER            B   2.0 N
       No meaning in TDMS.  However,
       it is referenced by ECS and
       Update.
  2 D1 MORPHOLOGY-NUMBER             B   2.0 N
       Morphology being microscopic-
       ally observed.  Loaded by
       Update into TDH-OBSERVATION-
       MORPHOLOGY-DE in TD-ORGAN-
       DATA.  If an add-with-audit,
       also loaded into MOC-OBSERVA-
       TION-MORPHOLOGY-DE in ANY-
       MICRO-ORGAN-CORRECTION.  For-
       eign key to TBPCT.
M 2 D2 QUALIFIER-NUMBER             B   2.0 N
       Multiple-entry field contain-
       ing qualifiers that describe
       morphology being observed.
```

FILE...: ANY-MICRO-OBS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F   LENG S DE

        Loaded by Update into TDH-OB-
        SERVATION-QUALIFIER.  If an
        add-with-audit, also loaded
        into MOC-OBSERVATION-QUALIFIER
        in ANY-MICRO-OBS-CORRECTION.
        (Qualifiers, by design, are
        limited to 4 entries.)  For-
        eign key to TBPCT.
M 2 D3 SITE-NUMBER                    B    2.0 N
        Multiple-entry field contain-
        ing sites on the organ being
        observed where the morphology
        was detected.  Loaded by Up-
        date into TDH-OBSERVATION-SITE
        in TD-ORGAN-DATA.  For an add-
        with-audit, also loaded into
        MOC-OBSERVATION-SITE in ANY-
        MICRO-OBS-CORRECTION.  (Limit-
        ed by design to 3 entries.)
        Foreign key to TBPCT.
  2 D4 CAUSE-OF-DEATH-FLAG            A    1.0 N
        Flag indicating whether the
        observation caused the death
        of the animal.  C for contri-
        butory; P for primary.  Load-
        by Update the TDH-COD-FLAG in
        TD-ORGAN-DATA.  For an add-
        with-audit, also loaded into
        MOC-COD-FLAG in ANY-MICRO-OBS-
        CORRECTION.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE               P    5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        If the observation date or
        time are being changed, then
        used by RECEIVE and ECS to
```

Data Dictionary: TDMS   **217**   **TS-1005-2.2**

```
FILE...: ANY-MICRO-OBS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                       F   LENG S DE

       form CORRECTION-KEY.  Used by
       Update to form MOC-MICRO-OBS-
       CORR-KEY-UQ for ANY-MICRO-OBS-
       CORRECTION.
  2 ER CORRECTION-TIME            P   5.0 N
       Time of day, in TDMS TOX time
       format, at which correction
       was made.  If the observation
       date or time are being changed
       used by RECEIVE and ECS to
       form CORRECTION-KEY.  Used by
       Update to form MOC-MICRO-OBS-
       CORR-KEY-UQ for ANY-MICRO-OBS-
       CORRECTION.
  2 ES CORRECTION-REASON          A   2.0 N
       Code for correction reason.
       Loaded by Update into MOC-COR-
       RECTION-REASON in ANY-MICRO-
       OBS-CORRECTION.  Foreign key
       to TBCORRREASON.
  2 ET CORRECTION-NOTE            A  79.0 N
       Free text describing the corresponds-
       rection.  Loaded by Update in-
       to MOC-CORRECTION-NOTE in ANY-
       MICRO-OBS-CORRECTION.
  2 EU CORRECTION-TYPE            A   1.0 N
       Single letter indicating type
       of correction. A-Add, C-Change
       D-Delete.  Loaded by Update
       into MOC-CORRECTION-TYPE in
       ANY-MICRO-OBS-CORRECTION.
  2 FE CORRECTION-KEY             A  42.0 N DE
       If the observation date or
       time is being changed, ECS and
       RECEIVE combines into it
       TDO-EXP-TST-ANUM-ORG-PATHT-UQ
       from TD-ORGAN, the original
       observation date and time,
       both in TDMS TOX format, COR-
       RECTION-DATE, and CORRECTION-
       TIME.  Loaded by Update into
```

FILE...: ANY-MICRO-OBS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE


      MOC-MICRO-OBS-CORR-KEY-LINK-
      UQ in ANY-MICRO-OBS-CORREC-
      TION.  The first 27 charac-
      ters form a foreign key to
      TD-ORGAN-DATA.
  1 EW RECEIVE-UPDATE-KEY          A   54.0 N DE
      Unique key for database trans-
      actions.  Elements of key are:
      SEGMENT-ID, MICRO-OR-ECS-FLAG,
      TDH-ORGAN-OBSERVATION-ID-DE,
      TOX-DATA-DATE, TOX-DATA-TIME,
      TOX-MAINFRAME-DATE, TOX-MAIN-
      FRAME-TIME, and a 4-digit se-
      quence number for the trans-
      action in its segment within
      the source set.
```

ANY-MICRO-ORGAN-TRANSACTION

Logical layout of organ (tissue) status transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-ORGAN file. For corrections, used to add records to ANY-MICRO-ORGAN-CORRECTION.

```
FILE...: ANY-MICRO-ORGAN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
- - -- -- - - --

G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                  A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to AM.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG           A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE              B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME              B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET             B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE          B   2.0 F
       The date, in TDMS TOX date
```

```
FILE...: ANY-MICRO-ORGAN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE

       format, on which the source
       set was received.  Used by RE-
       CEIVE and ECS to form RECEIVE-
       UPDATE-KEY.  Not referenced by
       Update.
  2 AJ TOX-MAINFRAME-TIME          B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set was received.  Used
       by RECEIVE and ECS to form RE-
       CEIVE-UPDATE-KEY.  Not refer-
       enced by Update.
  2 AL AGENCY-NUMBER               B   2.0 F
       Foreign key to TBAGENCY.
       Not referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER       B   2.0 F
       When the transaction is a corresponds-
       rection, this indicates the
       operator ID for the person
       making the correction and is
       loaded into AMC-CORRECTION-
       OPERATOR-ID in ANY-MICRO-OR-
       GAN-CORRECTION.  When appended
       to DATA-FACILITY-NUMBER, a
       foreign key to TB_OPERATOR_ID>
  2 AS SOFTWARE-VERSION            B   2.0 F
       The version of LDAS under
       which the source set was
       generated.  Not referenced by
       Update.
  2 AT TOX-DATA-DATE               B   2.0 F
       The date, in TDMS TOX date
       format, on which the trans-
       action was created.  Loaded by
       Update into TDO-ORGAN-STATUS-
       DATE in TD-ORGAN.  If an add-
       with-audit, also loaded into
       AMC-ORGAN-STATUS-DATE in ANY-
       MICRO-ORGAN-CORRECTION.
  2 AU TOX-DATA-TIME               B   2.0 F
       The time of day, in TDMS TOX
```

```
FILE...: ANY-MICRO-ORGAN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                      F   LENG S DE
```

```
        time format, at which the
        transaction was created.
        Loaded by Update into TDO-OR-
        GAN-STATUS-TIME in TD-ORGAN.
        If an add-with-audit, also
        loaded into AMC-ORGAN-STATUS-
        TIME in ANY-MICRO-ORGAN-COR-
        RECTION.
  2 AV DATA-FACILITY-NUMBER       B   2.0 F
        The facility associated with
        the machine on which the
        source set was created.  Not
        referenced by Update.  Foreign
        key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST    B   2.0 F
        The operator ID of the patho-
        logist who is assigned to the
        test.  Loaded by Update into
        TDO-ORGAN-STAT-PATHOLOGIST-ID
        in TD-ORGAN.  If an add-with-
        audit, also loaded into AMC-
        ORGAN-STAT-PATHOLOGIST-ID in
        ANY-MICRO-ORGAN-CORRECTION.
        When appended to DATA-FACILI-
        TY-CODE, a foreign key to
        TB_OPERATOR_ID.
  2 AX PROCESS-FLAG               A   2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
        or 'A', indicating an audit
        transaction.
  2 AZ DATA-BASE-KEY-LENGTH       B   2.0 F
        The number of digits being
        used in the DATA-BASE-KEY
        field.  Not referenced by Up-
        date.  Set to 14.
```

```
FILE...: ANY-MICRO-ORGAN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                         F   LENG S DE

  2 A0 NUMBER-OF-TREE-KEY-LEVELS     B    2.0 F
         The number of two-byte binary
         segments of the SEGMENT-TREE-
         KEY field being used.  Set to
         4.
  2 A2 DATA-BASE-INDICATOR           A    1.0 F
         Indicates sub-system.  Set to
         3 for pathology.
  2 A3 DATA-BASE-KEY                 A   14.0 F
         The carcass ID (CID) for the
         animal from which the organ
         being observed was removed.
         Used by Update to select the
         master TD-ANIMAL record for
         the transaction.
  2 A4 SEGMENT-TREE-KEY              B   20.0 F
         This field is parsed into 10
         2-byte binary sub-fields.
         Only the first four are used
         for organ status transactions.
         The first is set to 80; the
         second is for pathologist type
         and is set to "A"; the third
         is set to 10; the fourth is
         the organ code (foreign key to
         TBPCT).  The organ code and
         pathologist type values are
         used by Update to form
         TDO-EXP-TST-ANUM-ORG-PATHT-UQ
         for TD-ANIMAL, and AMC-MICRO-
         ORG-CORR-KEY-UQ in ANY-MICRO-
         ORGAN-CORRECTION.
G 1 DR ANY-MICRO-ORGAN-DATA
         Group embracing segment-speci-
         fic fields in organ status
         transactions.
```

```
FILE...: ANY-MICRO-ORGAN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
  2 DS MICRO-ORGAN-OPERATOR        B   2.0 N
       ID of operator assigning
       organ status.  Loaded by Up-
       date into TDO-ORGAN-STATUS-
       OPERATOR-ID in TD-ORGAN.  If
       an add-with-audit, also loaded
       into AMC-ORGAN-STATUS-OPERA-
       OR-ID in ANY-MICRO-ORGAN-COR-
       RECTION.  When appended to
       DATA-FACILITY-NUMBER, a for-
       eign key to TB_OPERATOR_ID.
  2 DU STATUS-NUMBER               B   2.0 N
       Status of organ being micro-
       scopically evaluated.  Loaded
       by Update into TDO-ORGAN-STAT-
       US of TD-ORGAN.  If an add-
       with audit, also loaded into
       AMC-ORGAN-STATUS in ANY-MICRO-
       ORGAN-CORRECTION.  Foreign
       key to TBORGSTA.
G 1 EP CORRECTION-PORTION
       Group embracing segment-common
       correction fields.
  2 EQ CORRECTION-DATE             P   5.0 N
       Date, in TDMS TOX date format,
       on which correction was made.
       Used by Update to form AMC-
       MICRO-ORGAN-CORR-KEY-UQ for
       ANY-MICRO-ORGAN-CORRECTION.
  2 ER CORRECTION-TIME             P   5.0 N
       Time of day, in TDMS TOX time
       format, at which correction
       was made.  Used by Update to
       form AMC-MICRO-ORG-CORR-KEY-UQ
       for ANY-MICRO-ORGAN-CORREC-
       TION.
  2 ES CORRECTION-REASON           A   2.0 N
       Code for correction reason.
       Loaded by Update into AMC-COR-
       RECTION-REASON in ANY-MICRO-
       ORGAN-CORRECTION.  Foreign
       key to TBCORRREASON.
```

Data Dictionary: TDMS   **224**   **TS-1005-2.2**

```
FILE...: ANY-MICRO-ORGAN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                         F   LENG S DE

  2 ET CORRECTION-NOTE              A   79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to AMC-CORRECTION-NOTE in ANY-
        MICRO-ORGAN-CORRECTION.
  2 EU CORRECTION-TYPE              A    1.0 N
        Single letter indicating type
        of correction. A-Add, C-Change
        D-Delete.   Loaded by Update
        into AMC-CORRECTION-TYPE in
        ANY-MICRO-ORGAN-CORRECTION.
  2 FB CORRECTION-KEY               A   32.0 N DE
        Not assigned a value by ECS or
        RECEIVE.  Loaded by Update in-
        to AMC-MICRO-ORG-CORR-KEY-
        LINK-UQ in ANY-MICRO-ORGAN-
        CORRECTION.
  1 EW RECEIVE-UPDATE-KEY           A   54.0 N DE
        Unique key for database trans-
        actions.  Elements of key are:
        SEGMENT-ID, MICRO-OR-ECS-FLAG,
        TDO-EXP-TST-ANUM-ORG-PATHT-UQ,
        5 spaces, TOX-DATA-DATE, TOX-
        DATA-TIME, TOX-MAINFRAME-DATE,
        TOX-MAINFRAME-TIME, and a 4-
        digit sequence number for the
        transaction in its segment
        within the source set.
```

BALANCE-CALIBRATION-TRANSACTION

Logical layout of balance calibration transactions. Loaded by RECEIVE. Read by Update to add records to the TD-BALANCE-CALIBRATION file.

```
FILE...: BALANCE-CALIBRATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                   A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to BC.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG            A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE               B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME               B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET              B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE           B   2.0 F
       The date, in TDMS TOX date
       format, on which the source
```

FILE...: BALANCE-CALIBRATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                      F   LENG S DE

       set was received.  Used by RE-
       CEIVE and ECS to form RECEIVE-
       UPDATE-KEY.  Not referenced by
       Update.
  2 AJ TOX-MAINFRAME-TIME         B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set was received.  Used
       by RECEIVE and ECS to form RE-
       CEIVE-UPDATE-KEY.  Not refer-
       enced by Update.
  2 AL AGENCY-NUMBER              B   2.0 F
       Foreign key to TBAGENCY.  Not
       referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER      B   2.0 F
       The ID of the operator who
       created the transaction.  Same
       value as in OPERATOR-OR-PATHO-
       LOGIST.  Update references,
       but does not use, this field,
       using OPERATOR-OR-PATHOLOGIST
       instead.  When appended to
       DATA-FACILITY-NUMBER, a for-
       eign key to TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION           B   2.0 F
       The version of LDAS under
       which the source set was
       generated.  Not referenced by
       Update.
  2 AT TOX-DATA-DATE              B   2.0 F
       The date, in TDMS TOX date
       format, on which the trans-
       action was created.  Used by
       RECEIVE and ECS to form RE-
       CEIVE-UPDATE-KEY.  Used by Up-
       date to from the value of TDF-
       EXP-TEST-DATE-DE that will be
```

FILE...: BALANCE-CALIBRATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE
        added to, or selected for mod-
        ification from, TD-BALANCE-
        CALIBRATION.
  2 AU TOX-DATA-TIME               B   2.0 F
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Loaded by
        Update into TDF-TIME of TD-
        BALANCE-CALIBRATION.
  2 AV DATA-FACILITY-NUMBER        B   2.0 F
        The facility associated with
        the machine on which the
        source set was created.  Not
        referenced by Update.  Foreign
        key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST     B   2.0 F
        The ID of the operator who
        created the transaction.  Con-
        tains same value as in ENTRY-
        OPERATOR-NUMBER.  Loaded by
        Update into TDF-OPERATOR-IDEN-
        TIFICATION in TD-BALANCE-CALI-
        BRATION.  When appended to
        DATA-FACILITY-NUMBER, a for-
        eign key to TB_OPERATOR_ID.
  2 AX PROCESS-FLAG                A   2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
        or 'A', indicating an audit
        transaction.
  2 AZ DATA-BASE-KEY-LENGTH        B   2.0 F
        The number of digits being
        used in the DATA-BASE-KEY
        field.  Not referenced by Up-
        date.  Set to 9.
```

Data Dictionary: TDMS   **228**   **TS-1005-2.2**

```
FILE...: BALANCE-CALIBRATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                         F   LENG S DE

  2 A0 NUMBER-OF-TREE-KEY-LEVELS     B    2.0 F
         The number of two-byte binary
         segments of the SEGMENT-TREE-
         KEY field being used.  Set to
         4.
  2 A2 DATA-BASE-INDICATOR           A    1.0 F
         Indicates sub-system.  Set to
         1 for balance calibration.
  2 A3 DATA-BASE-KEY                 A   14.0 F
         Indicates the agency-test to
         which the transaction applies.
         (AATTTTTTT).  Used by Update
         to form the value of TDF-EXP-
         TEST-DATE-DE that will be add-
         ed to, or selected for modifi-
         cation from, TD-BALANCE-CALI-
         BRATION.
  2 A4 SEGMENT-TREE-KEY              B   20.0 F
         This field is parsed into 10
         2-byte binary sub-fields.
         Only the first four are used.
         The first is set to 100; the
         second is set to 4; the third
         and fourth are also set to 100
G 1 BL BALANCE-CALIBRATION-DATA
         Group embracing segment-speci-
         fic fields of balance calibra-
         transactions.
  2 BN BALANCE-NUMBER                B    2.0 N
         Number of the balance whose
         calibration weights are re-
         corded in the transaction.
         Loaded by Update into the
         TDF-BALANCE-NUMBER-DE field of
         the TD-BALANCE-CALIBRATION
         file and, if it is a new
         balance, into the TDB-BALANCE-
```

FILE...: BALANCE-CALIBRATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE
        NUMBER-UQ field of the TD-
        BALANCE file.  Foreign key
        to TD-BALANCE.
  2 BP CALIBRATION-WEIGHT-MANUAL   A   1.0 N
        Flag indicating whether the
        calibration weights were en-
        tered manually.  Loaded by
        Update into the TDF-CALI-
        MANUAL-FLAG field of the TD-
        BALANCE-CALIBRATION file.
P 1 BQ BALANCE-CALIBRATION-WEIGHT-DATA
        Repeating group, which is not
        a group at all, containing
        only calibration weights.
  2 BR CALIBRATION-WEIGHT          B   2.0 N
        The calibration weights re-
        corded automatically or man-
        ually on LDAS.  Loaded into
        the TDF-CALIBRATION-WEIGHT
        field of the TD-BALANCE-
        CALIBRATION file.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.   (There is
        no correction capability for
        calibration records either on
        LDAS or mainframe ECS.)
  2 EQ CORRECTION-DATE             P   5.0 N
  2 ER CORRECTION-TIME             P   5.0 N
  2 ES CORRECTION-REASON           A   2.0 N
  2 ET CORRECTION-NOTE             A  79.0 N
  2 EU CORRECTION-TYPE             A   1.0 N
  2 FC CORRECTION-KEY              A  36.0 N DE
  1 EW RECEIVE-UPDATE-KEY          A  54.0 N DE
        Unique key for database trans-
        actions.  Elements of key are:
        SEGMENT-ID, MICRO-OR-ECS-FLAG,
        TDF-EXP-TEST-DATE-DE for/from
        TD-BALANCE-CALIBRATION, TOX-
        DATA-DATE, TOX-DATA-TIME, TOX-
        MAINFRAME-DATE, TOX-MAINFRAME-
        TIME, and a 4-digit sequence
```

FILE...: BALANCE-CALIBRATION-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE

        number for the transaction in
        its segment within the source
        set.
  1 GB BAL-CAL-SUPERKEY            A   37.0 N SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                    3      9
        BALANCE-NUMBER                   1      2
        TOX-DATA-DATE                    1      2
        TOX-DATA-TIME                    1      2
        RECEIVE-UPDATE-KEY              31     54

        Super-key used to identify
        whether there is an existing
        record to which the calibra-
        should be appended.
```

BOTTLE-WEIGHT-TRANSACTION

Logical layout of bottle weight transactions. Loaded by RECEIVE and
ECS. Read by Update to add, modify, and delete records in the TD-
CAGE-DATA table. For corrections, the information is also used to
create records for BOTTLE-WEIGHT-CORRECTION.

```
FILE...: BOTTLE-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
      Group embracing fields that
      are common to most segments.
  2 AA SEGMENT-ID               A   2.0 F
      Two-letter segment identifier.
      Not referenced by Update.  Set
      to BW.  Used to form RECEIVE-
      UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG        A   1.0 F
      Identifier for source of
      transaction.  A - LDAS,
      E - Mainframe ECS.  Used by
      Update to generate Update
      statistics report.  Used to
      form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE           B   2.0 F
      The date, in TDMS TOX format,
      on which the source set for
      the transaction was created.
      Not referenced by Update.
  2 AF TOX-MICRO-TIME           B   2.0 F
      The time of day, in TDMS TOX
      time format, on which the
      source set for the transac-
      was created.  Not refer-
      enced by Update.
  2 AG MICRO-TRANS-SET          B   2.0 F
      The number of the transac-
      tion's source set.  Not refer-
      enced by Update.
  2 AI TOX-MAINFRAME-DATE       B   2.0 F
      The date, in TDMS TOX date
```

```
FILE...: BOTTLE-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                         F    LENG S DE

         format, on which the source
         set was received.  Used by RE-
         CEIVE and ECS to form RECEIVE-
         UPDATE-KEY.  Not referenced by
         Update.
   2 AJ TOX-MAINFRAME-TIME           B    2.0 F
         The time of day, in TDMS TOX
         time format, on which the
         source set was received.  Used
         by RECEIVE and ECS to form RE-
         CEIVE-UPDATE-KEY.  Not refer-
         enced by Update.
   2 AL AGENCY-NUMBER                B    2.0 F
         Foreign key to TBAGENCY.  Not
         referenced by Update.
   2 AP ENTRY-OPERATOR-NUMBER        B    2.0 F
         When the transaction is a corresponds-
         rection, this indicates the
         operator ID for the person
         making the correction and is
         loaded by Update into BWC-COR-
         RECTION-OPERATOR-ID in BOTTLE-
         WEIGHT-CORRECTION.  When ap-
         pended to DATA-FACILITY-NUMBER
         a foreign key to TB_OPERATOR-
         _ID.
   2 AS SOFTWARE-VERSION             B    2.0 F
         The version of LDAS under
         which the source set was
         generated.  Not referenced by
         Update.
   2 AT TOX-DATA-DATE                B    2.0 F
         The date, in TDMS TOX date
         format, on which the trans-
         action was created.  Used by
         RECEIVE and ECS to form RE-
         CEIVE-UPDATE-KEY.  Used by
```

FILE...: BOTTLE-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                      F   LENG S DE
       Update to from the TDG-EXP-
       TEST-CAGE-DATE-DE value that
       will be added to, or selected
       for modification from, TD-
       CAGE-DATA.  If a correction,
       also used to form BWC-BOTTLE-
       WGT-CORR-KEY-UQ of BOTTLE-
       WEIGHT-CORRECTION.
  2 AU TOX-DATA-TIME             B   2.0 F
       The time of day, in TDMS TOX
       time format, at which the
       transaction was created.
       Loaded by Update into TDG-WAT-
       ER-TIME of TD-CAGE-DATA.  If
       a correction, used to form
       BWC-BOTTLE-WGT-CORR-KEY-UQ of
       BOTTLE-WEIGHT-CORRECTION.
  2 AV DATA-FACILITY-NUMBER      B   2.0 F
       The facility associated with
       the machine on which the
       source set was created.  Not
       referenced by Update.  Foreign
       key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST   B   2.0 F
       The ID of the operator that
       created the transaction.
       Loaded by Update into TDG-WAT-
       ER-OPERATOR-ID of TD-CAGE-
       DATA.  If an add-with-audit,
       also loaded into BWC-BOTTLE-
       OEPRATOR-ID in BOTTLE-WEIGHT-
       CORRECTION.  When appended to
       DATA-FACILITY-NUMBER, a for-
       eign key to TB_OPERATOR_ID.
  2 AX PROCESS-FLAG              A   2.0 F
       Two-letter identifier for the
       type of transaction. The first
       digit can be A, C, or D, which
       signifies add, change, or del-
       ete, respectively.  The second
       digit is either blank, indica-
       ting an original transaction,
```

Data Dictionary: TDMS   **234**   **TS-1005-2.2**

```
FILE...: BOTTLE-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

        or 'A', indicating an audit
        transaction.
  2 AZ DATA-BASE-KEY-LENGTH         B   2.0 F
        The number of digits being
        used in the DATA-BASE-KEY
        field.  Not referenced by Up-
        date.  Set to 13.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS    B   2.0 F
        The number of two-byte binary
        segments of the SEGMENT-TREE-
        KEY field being used.  Set to
        3.
  2 A2 DATA-BASE-INDICATOR          A   1.0 F
        Indicates sub-system.  Set to
        2 for in-life.
  2 A3 DATA-BASE-KEY                A   14.0 F
        The number of the agency-test-
        cage to which the transaction
        applies.  (AATTTTTTTCCCC)
        Used by Update to form the
        TDG-EXP-TEST-CAGE-DATE-DE val-
        ue that will be added to, or
        selected for modification
        from, TD-CAGE-DATA.  If a corresponds-
        rection, also used to form
        BWC-BOTTLE-WGT-CORR-KEY-UQ for
        BOTTLE-WEIGHT-CORRECTION.
        The test-cage portions forms a
        foreign key to TD-CAGE.
  2 A4 SEGMENT-TREE-KEY             B   20.0 F
        This field is parsed into 10
        2-byte binary sub-fields.
        Only the first three are used
        for bottle weight transac-
        tions.  The first is set to
        1000; the second is set to 10;
        the third is set to 15.
```

```
FILE...: BOTTLE-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
G 1 B9 BOTTLE-WEIGHT-DATA
       Group embracing segment-speci-
       fic fields of bottle weight
       transactions.
  2 CB OLD-BOTTLE-MANUAL-WEIGHT-FLAG   A   1.0 N
       Flag indicating whether used
       bottle weight was recorded
       manually.  0 - No; 1 - Yes.
       Loaded by Update into TDG-MAN-
       UAL-ENTRY-FLAG-OLD-BOTT of TD-
       CAGE-DATA.  If an add-with-
       audit, also loaded into BWC-
       MANUAL-ENTRY-FLAG-OLD-BOTT in
       BOTTLE-WEIGHT-CORRECTION.
  2 CD OLD-BOTTLE-WEIGHT              B   4.0 N
       Weight, in decigrams, of used
       bottle.  Loaded by Update
       into TDG-OLD-BOTTLE-WEIGHT in
       TD-CAGE-DATA.  If an add-with-
       audit, also loaded into BWC-
       OLD-BOTTLE-WEIGHT in BOTTLE-
       WEIGHT-CORRECTION.
  2 CF NEW-BOTTLE-MANUAL-WEIGHT-FLAG   A   1.0 N
       Flag indicating whether full
       bottle weight was recorded
       manually. 0 - No; 1 - Yes.
       Loaded by Update into TDG-MAN-
       UAL-ENTRY-FLAG-NEW-BOTT of TD-
       CAGE-DATA.  If an add-with-
       audit, also loaded into BWC-
       MANUAL-ENTRY-FLAG-NEW-BOTT in
       BOTTLE-WEIGHT-CORRECTION.
  2 CH NEW-BOTTLE-WEIGHT              B   4.0 N
       Weight, in decigrams, of the
       full bottle.  Loaded by
       Update into TDG-NEW-BOTTLE-
       WEIGHT in TD-CAGE-DATA.  If an
       add-with-audit, also loaded
       into BWC-NEW-BOTTLE-WEIGHT in
       BOTTLE-WEIGHT-CORRECTION.
```

```
FILE...: BOTTLE-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                           F   LENG S DE

  2 CJ OLD-BOTTLE-STATUS             P    5.0 N
        Weight status code indicating
        reason why used weight was not
        recorded.  Loaded by Update
        into TDG-OLD-BOTTLE-STATUS
        in TD-CAGE-DATA.  If an add-
        with audit, also loaded into
        BWC-OLD-BOTTLE-STATUS in BOT-
        TLE-WEIGHT-CORRECTION.  For-
        eign key to TBWGTSTATUS.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE               P    5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update in forming BWC-
        BOTTLE-WGT-CORR-KEY-UQ for
        BOTTLE-WEIGHT-CORRECTION.
  2 ER CORRECTION-TIME               P    5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update in
        forming BWC-BOTTLE-WGT-CORR-
        KEY-UQ for BOTTLE-WEIGHT-COR-
        RECTION.
  2 ES CORRECTION-REASON             A    2.0 N
        Code for correction reason.
        Loaded by Update into BWC-COR-
        RECTION-REASON in BOTTLE-
        WEIGHT-CORRECTION.  Foreign
        key to TBCORRREASON.
  2 ET CORRECTION-NOTE               A   79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to BWC-CORRECTION-NOTE in BOT-
        TLE-WEIGHT-CORRECTION.
  2 EU CORRECTION-TYPE               A    1.0 N
        Single letter indicating type
        of correction. A-Add, C-Change
        D-Delete.  Loaded by Update
```

FILE...: BOTTLE-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

```
      into BWC-CORRECTION-TYPE in
      BOTTLE-WEIGHT-CORRECTION.
  2 FA CORRECTION-KEY                 A   31.0 N DE
      If either the date portion of
      TDG-EXP-TEST-CAGE-DATE-DE or
      TDG-WATER-TIME is being
      changed then RECEIVE or ECS
      will concatenate the original
      TDG-EXP-TEST-CAGE-DATE-DE,
      the original TDD-WATER-TIME,
      CORRECTION-DATE, and CORREC-
      TION-TIME to form a string
      that it loads into this field.
      Loaded by Update into BWC-BOT-
      TLE-WGT-CORR-KEY-LINK-UQ in
      BOTTLE-WEIGHT-CORRECTION.  The
      first 16 characters form a
      foreign key to TD-CAGE-DATA.
  1 EW RECEIVE-UPDATE-KEY             A   54.0 N DE
      Unique key for database trans-
      actions.  Elements of key are:
      SEGMENT-ID, MICRO-OR-ECS-FLAG,
      TDG-EXP-TEST-CAGE-DATE-DE for/
      from TD-CAGE-DATA left-justi-
      fied into a 27-byte string,
      TOX-DATA-DATE, TOX-DATA-TIME,
      TOX-MAINFRAME-DATE, TOX-MAIN-
      FRAME-TIME, and a 4-digit se-
      quence number for the trans-
      action in its segment within
      the source set.
```

CAGE-ID-TRANSACTION

Logical layout for cage initialization transactions. Loaded by ECS and RECEIVE. Used by Update to create or modify data in TD-CAGE, and TD-TEST. For corrections, also used to add records to CAGE-ID-CORRECTION.

```
FILE...: CAGE-ID-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                      F   LENG S DE
- - -- -- - - --

G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                A   2.0 F
       Two-letter segment identifier.
       Set to 'CI'.  Not referenced
       by Update.  Used to form RE-
       CEIVE-UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG         A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE            B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME            B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET           B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE        B   2.0 F
       The date, in TDMS TOX date
```

FILE...: CAGE-ID-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F   LENG S DE

       format, on which the source
       set was received.  Used by RE-
       CEIVE and ECS to form RECEIVE-
       UPDATE-KEY.  Not referenced by
       Update.
  2 AJ TOX-MAINFRAME-TIME            B    2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set was received.  Used
       by RECEIVE and ECS to form RE-
       CEIVE-UPDATE-KEY.  Not refer-
       enced by Update.
  2 AL AGENCY-NUMBER                 B    2.0 F
       Foreign key to TBAGENCY.  Not
       referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER         B    2.0 F
       When the transaction is a corresponds-
       rection, this indicates the
       operator ID for the person
       making the correction and is
       loaded by Update into CIC-COR-
       RECTION-OPERATOR-ID of CAGE-
       ID-CORRECTION.  When appended
       to DATA-FACILITY-NUMBER, a
       foreign key to TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION              B    2.0 F
       The version of LDAS under
       which the source set was
       generated.  Not referenced by
       Update.
  2 AT TOX-DATA-DATE                 B    2.0 F
       The date, in TDMS TOX date
       format, on which the trans-
       action was created.  Loaded by
       Update into TDC-CAGE-DATE of
       TD-CAGE.  If an add-with-aud-
       it, also loaded into CIC-CAGE-
```

FILE...: CAGE-ID-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE
       DATE of CAGE-ID-CORRECTION.
  2 AU TOX-DATA-TIME               B   2.0 F
       The time of day, in TDMS TOX
       time format, at which the
       transaction was created.
       Loaded by Update into TDC-
       CAGE-TIME.  If an add-with-
       audit, also loaded into CIC-
       CAGE-TIME of CAGE-ID-CORREC-
       TION.
  2 AV DATA-FACILITY-NUMBER        B   2.0 F
       The facility associated with
       the machine on which the
       source set was created.  Not
       referenced by Update.  Foreign
       key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST     B   2.0 F
       The ID of the operator who
       created the transaction.
       Loaded by Update into TDC-
       CAGE-OPERATOR-ID of TD-CAGE.
       If an add-with-audit, also
       loaded into CIC-CAGE-OPERATOR-
       ID of CAGE-ID-CORRECTION.
       When appended to DATA-FACILI-
       TY-NUMBER, a foreign key to
       TB_OPERATOR_ID.
  2 AX PROCESS-FLAG                A   2.0 F
       Two-letter identifier for the
       type of transaction. The first
       digit can be A, C, or D, which
       signifies add, change, or del-
       ete, respectively.  The second
       digit is either blank, indica-
       ting an original transaction,
       or 'A', indicating an audit
       transaction.
  2 AZ DATA-BASE-KEY-LENGTH        B   2.0 F
       The number of digits being
       used in the DATA-BASE-KEY
       field.  Set to 13.  Not refer-
       enced by Update.
```

Data Dictionary: TDMS   **241**   **TS-1005-2.2**

```
FILE...: CAGE-ID-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                          F   LENG S DE

  2 A0 NUMBER-OF-TREE-KEY-LEVELS      B    2.0 F
        The number of two-byte binary
        segments of the SEGMENT-TREE-
        KEY field being used.  Set to
        2.
  2 A2 DATA-BASE-INDICATOR            A    1.0 F
        Indicates sub-system.  Set to
        2 for in-life.
  2 A3 DATA-BASE-KEY                  A   14.0 F
        The agency-test-cage number in
        the form AATTTTTTTCCCC.  The
        last 11 digits represent the
        TDC-EXP-TEST-CAGE-UQ value
        that will be added to, or se-
        lected for modification from,
        TD-CAGE.  If a correction, al-
        so used to form CIC-CAGE-ID-
        CORR-KEY-UQ of CAGE-ID-CORREC-
        TION.  The test-cage portion
        is a foreign key to TD-CAGE.
  2 A4 SEGMENT-TREE-KEY               B   20.0 F
        This field is parsed into 10
        2-byte binary sub-fields.
        Only 2 are used for cage ID
        transaction.  The first is set
        to 10; the second is set to
        1000.  Neither is used by
        Update.
G 1 A5 CAGE-ID-DATA
        Group embracing fields speci-
        fic to the cage ID segment.
  2 A6 TREATMENT-NUMBER               B    2.0 N
        The number of the treatment
        group to which the cage is
        assigned.  Loaded by Update
        into TDC-TREATMENT-NUMBER of
        TD-CAGE.  If an add-with-aud-
```

FILE...: CAGE-ID-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T	L	DB	NAME	F	LENG	S	DE

        it, also loaded into CIC-
        TREATMENT-NUMBER of CAGE-ID-
        CORRECTION. When appended
        to the agency-test portion of
        DATA-BASE-KEY, a foreign key
        to PAS_TREATMNT_SEG.

  2 A7 CONTROL-TREATMENT-FLAG   A   1.0 N
        Alphabetic identifier of the
        role of the cage's treatment
        group. Not processed by Up-
        date. Foreign key to TBTRT-
        ROLE.

  2 A8 PROCEDURE-ACTION-SET-NUMBER B   2.0 N
        The procedure action set that
        applies to the cage, as de-
        fined in test protocol. Load-
        ed by Update into TDC-PROCE-
        DURE-ACTION-SET-NUM in TD-
        CAGE. If an add-with-audit,
        also loaded into CIC-PROCE-
        DURE-ACTION-SET-NUM of CAGE-
        ID-CORRECTION. When appended
        to the agency-test portion of
        DATA-BASE-KEY, a foreign key
        to PAS_PROCEDUR_SEG.

  2 A9 TEST-TYPE   B   2.0 N
        The test type for the test.
        Loaded by Update into TDT-
        TEST-TYPE of TD-TEST. A for-
        eign key to TBTESTYP.

  2 BA DOSE-DATE   B   2.0 N
        The first dosing date for the
        cage, in TDMS TOX date format.
        Loaded by Update into TDC-
        START-DATE of TD-CAGE. If an
        add-with-audit, also loaded
        into CIC-START-DATE of CAGE-
        ID-CORRECTION.

  2 BB AREA-NUMBER   B   2.0 N
        The lab room where the cage is
        located, as defined in test
        protocol. Loaded by Update

FILE...: CAGE-ID-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

      into TDC-AREA-NUMBER of TD-
      CAGE. If an add-with-audit,
      alsoo loaded into CIC-AREA-
      NUMBER of CAGE-ID-CORRECTION.

G 1 EP CORRECTION-PORTION
      Group embracing segment-common
      correction fields.

  2 EQ CORRECTION-DATE   P   5.0 N
      Date, in TDMS TOX date format,
      on which correction was made.
      Used by Update to form CIC-
      CAGE-ID-CORR-KEY-UQ of CAGE-
      ID-CORRECTION.

  2 ER CORRECTION-TIME   P   5.0 N
      Time of day, in TDMS TOX time
      format, at which correction
      was made. Used by Update to
      form CIC-CAGE-ID-CORR-KEY-UQ
      in CAGE-ID-CORRECTION.

  2 ES CORRECTION-REASON   A   2.0 N
      Code for correction reason.
      Loaded by Update into CIC-COR-
      RECTION-REASON of CAGE-ID-COR-
      RECTION. Foreign key to
      TBCORRREASON.

  2 ET CORRECTION-NOTE   A   79.0 N
      Free text describing the corresponds-
      rection. Loaded by Update in-
      to CIC-CORRECTION-NOTE of
      CAGE-ID-CORRECTION.

  2 EU CORRECTION-TYPE   A   1.0 N
      Single letter indicating type
      of correction. A-Add, C-Change
      D-Delete. Loaded by Update
      into CIC-CORRECTION-TYPE of
      CAGE-ID-CORRECTION.

FILE...: CAGE-ID-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                         F   LENG S DE
  2 EV CORRECTION-KEY               A   21.0 N DE
       Not assigned a value by ECS or
       RECEIVE.  Loaded by Update in-
       to CIC-CAGE-ID-CORR-LINK-UQ in
       CAGE-ID-CORRECTION.

  1 EW RECEIVE-UPDATE-KEY           A   54.0 N DE
       Unique key for database trans-
       actions.  Elements of key are:
       SEGMENT-ID, MICRO-OR-ECS-FLAG,
       TDC-EXP-TEST-CAGE-UQ for/from
       TD-CAGE left-justified into a
       27-byte string, TOX-DATA-DATE,
       TOX-DATA-TIME, TOX-MAINFRAME-
       DATE, TOX-MAINFRAME-TIME, and
       a 4-digit sequence number for
       the transactions in its segment-
       ment within the source set.
```

CAGE-NOTE-TRANSACTION

Logical layout of cage note transactions. Loaded by RECEIVE and ECS. Read by Update to add, modify, and delete records in the TD-CAGE-DATA file For corrections, the information is also used to add records to the CAGE-NOTE-TRANSACTION table.

```
FILE...: CAGE-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID               A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to CN.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG        A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE           B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME           B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET          B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE       B   2.0 F
       The date, in TDMS TOX date
```

FILE...: CAGE-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

        format, on which the source
        set was received. Used by RE-
        CEIVE and ECS to form RECEIVE-
        UPDATE-KEY. Not referenced by
        Update.

  2 AJ TOX-MAINFRAME-TIME   B   2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received. Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY. Not refer-
        enced by Update.

  2 AL AGENCY-NUMBER   B   2.0 F
        Foreign key to TBAGENCY. Not
        referenced by Update.

  2 AP ENTRY-OPERATOR-NUMBER   B   2.0 F
        When the transaction is a corresponds-
        rection, this indicates the
        operator ID for the person
        making the correction and is
        loaded by Update into CNC-COR-
        RECTION-OPERATOR-ID in CAGE-
        NOTE-CORRECTION. When append-
        ed to DATA-FACILITY-NUMBER, a
        foreign key to TB_OPERATOR_ID.

  2 AS SOFTWARE-VERSION   B   2.0 F
        The version of LDAS under
        which the source set was
        generated. Not referenced by
        Update.

  2 AT TOX-DATA-DATE   B   2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created. Used by
        RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY. Used by Up-
        date to form the TDG-EXP-TEST-

FILE...: CAGE-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                      F   LENG S DE
        CAGE-DATE-DE value that will
        be added to, or selected for
        modification from, TD-CAGE-
        DATA.  If a correction, it is
        also used to form CNC-CAGE-
        NOTE-CORR-KEY-UQ for CAGE-
        NOTE-CORRECTION.
  2 AU TOX-DATA-TIME             B   2.0 F
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Loaded by
        Update into TDG-NOTE-TIME in
        TD-CAGE-DATA.  If a correc-
        , used by Update to form
        CNC-CAGE-NOTE-CORR-KEY-UQ for
        CAGE-NOTE-CORRECTION.
  2 AV DATA-FACILITY-NUMBER      B   2.0 F
        The facility associated with
        the machine on which the
        source set was created.  Not
        referenced by Update.  A for-
        eign key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST   B   2.0 F
        The ID of the operator who
        created the transaction.
        Loaded by Update into TDG-
        NOTE-OPERATOR-ID.  If an add-
        with-audit, also loaded into
        CNC-CAGE-NOTE-OPERATOR-ID.
        When appended to DATA-FACILI-
        TY-NUMBER, a foreign key to
        TB_OPERATOR_ID.
  2 AX PROCESS-FLAG              A   2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
```

FILE...: CAGE-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE

       or 'A', indicating an audit
       transaction.
  2 AZ DATA-BASE-KEY-LENGTH         B    2.0 F
       The number of digits being
       used in the DATA-BASE-KEY
       field.  Not referenced by Up-
       date.  Set to 13.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS    B    2.0 F
       The number of two-byte binary
       segments of the SEGMENT-TREE-
       KEY field being used.  Set to
       2.
  2 A2 DATA-BASE-INDICATOR          A    1.0 F
       Indicates sub-system.  Set to
       2 for in-life.
  2 A3 DATA-BASE-KEY                A   14.0 F
       The number of the agency-test-
       cage to which the transaction
       applies.  (AATTTTTTTCCCC)
       Used by Update to form the
       TDG-EXP-TEST-CAGE-DATE-DE val-
       ue that will be added to, or
       selected for modification
       from, TD-CAGE-DATA.  If a corresponds-
       rection, also used to form
       CNC-CAGE-NOTE-CORR-KEY-UQ for
       CAGE-NOTE-CORRECTION.  The
       test-cage portion forms a for-
       eign key to TD-CAGE.
  2 A4 SEGMENT-TREE-KEY             B   20.0 F
       This field is parsed into 10
       2-byte binary sub-fields.
       Only the first two are used
       for cage note transactions.
       The first is set to 1000; the
       second is set to 80.
```

FILE...: CAGE-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                      F   LENG S DE
G 1 CT CAGE-NOTE-DATA
        Group embracing segment-speci-
        fic fields of cage note trans-
        actions.
  2 CV CAGE-NOTE                  A   80.0 N
        Free text entered by operator
        modifying or explaining cage
        data.  Loaded by Update into
        TDG-CAGE-NOTE of TD-CAGE-DATA.
        If an add-with-audit, also
        loaded into CNC-CAGE-NOTE in
        CAGE-NOTE-CORRECTION.
  2 CW CAGE-NOTE-MANUAL-FLAG      A   1.0 N
        Flag indicating whether note
        was entered as part of a man-
        ual entry session.  0 - No;
        1 - Yes.  Loaded by Update
        into TDG-CAGE-NOTE-MANUAL-FLAG
        of TD-CAGE-DATA.  If an add-
        with-audit, also loaded into
        CNC-CAGE-NOTE-MANUAL-FLAG in
        CAGE-NOTE-CORRECTION.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE            P   5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update to form CNC-
        CAGE-NOTE-CORR-KEY-UQ for
        CAGE-NOTE-CORRECTION.
  2 ER CORRECTION-TIME            P   5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update to
        form CNC-CAGE-NOTE-CORR-KEY-
        UQ for CAGE-NOTE-CORRECTION.
  2 ES CORRECTION-REASON          A   2.0 N
        Code for correction reason.
        Loaded by Update into CNC-COR-
        RECTION-REASON in CAGE-NOTE-
        CORRECTION.  A foreign key to
```

FILE...: CAGE-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE


    TBCORRREASON.
  2 ET CORRECTION-NOTE             A   79.0 N
     Free text describing the corresponds-
     rection.  Loaded by Update in-
     to CNC-CORRECTION-NOTE in
     CAGE-NOTE-CORRECTION.
  2 EU CORRECTION-TYPE             A    1.0 N
     Single letter indicating type
     of correction. A-Add, C-Change
     D-Delete.   Loaded by Update
     into CNC-CORRECTION-TYPE in
     CAGE-NOTE-CORRECTION.
  2 FA CORRECTION-KEY              A   31.0 N DE
     If either the date portion of
     TDG-EXP-TEST-CAGE-DATE-DE or
     TDG-NOTE-TIME is being
     changed then RECEIVE or ECS
     will concatenate the original
     TDG-EXP-TEST-CAGE-DATE-DE,
     the original TDD-NOTE-TIME,
     CORRECTION-DATE, and CORREC-
     TION-TIME to form a string
     that it loads into this field.
     Loaded by Update into CNC-
     CAGE-NOTE-CORR-KEY-LINK-UQ in
     CAGE-NOTE-CORRECTION.
  1 EW RECEIVE-UPDATE-KEY          A   54.0 N DE
     Unique key for database trans-
     actions.  Elements of key are:
     SEGMENT-ID, MICRO-OR-ECS-FLAG,
     TDG-EXP-TEST-CAGE-DATE-DE for/
     from TD-CAGE-DATA, TOX-DATA-
     DATE, TOX-DATA-TIME, TOX-MAIN-
     FRAME-DATE, TOX-MAINFRAME-
     TIME, and a 4-digit sequence
     number for the transaction in
     its segment within the source
     set.
```

FEEDER-WEIGHT-TRANSACTION

Logical layout of feeder weight transactions. Loaded by RECEIVE and
ECS. Read by Update to add, modify, and delete records from the TD-
CAGE-DATA file. For corrections, information used to add records to
FEEDER-WEIGHT-CORRECTION.

```
FILE...: FEEDER-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                  A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to FW.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG           A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE              B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME              B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET             B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE          B   2.0 F
       The date, in TDMS TOX date
```

FILE...: FEEDER-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE

        format, on which the source
        set was received.  Used by RE-
        CEIVE and ECS to form RECEIVE-
        UPDATE-KEY.  Not referenced by
        Update.
  2 AJ TOX-MAINFRAME-TIME           B   2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Not refer-
        enced by Update.
  2 AL AGENCY-NUMBER                B   2.0 F
        Foreign key to TBAGENCY.  Not
        referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER        B   2.0 F
        When the transaction is a corresponds-
        rection, this indicates the
        operator ID for the person
        making the correction and is
        loaded by Update into FWC-
        CORRECTION-OPERATOR-ID in
        FEEDER-WEIGHT-CORRECTION.
        When appended to DATA-FACILI-
        TY-NUMBER, a foreign key to
        TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION             B   2.0 F
        The version of LDAS under
        which the source set was
        generated.  Not referenced by
        Update.
  2 AT TOX-DATA-DATE                B   2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created.  Used by
        Update to form the TDG-EXP-
        TEST-CAGE-DATE-DE value that
```

```
FILE...: FEEDER-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                     F   LENG S DE
        will be added to, or selected
        for modification from, TD-
        CAGE-DATA.  If a correction,
        it is also used to form FWC-
        FEEDER-WGT-CORR-KEY-UQ for
        FEEDER-WEIGHT-CORRECTION.
  2 AU TOX-DATA-TIME             B   2.0 F
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Loaded by
        Update into TDG-FEEDER-TIME in
        TD-CAGE-DATA.  If an add-with-
        audit, also used to form FWC-
        FEEDER-WGT-CORR-KEY-UQ of
        FEEDER-WEIGHT-CORRECTION.
  2 AV DATA-FACILITY-NUMBER      B   2.0 F
        The facility associated with
        the machine on which the
        source set was created.  Not
        referenced by Update.  Foreign
        key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST   B   2.0 F
        The ID of the operator who
        created the transaction.
        Loaded by Update into TDG-
        FEEDER-OPERATOR-ID of TD-CAGE-
        DATA.  If an add-with-audit,
        also loaded into FWC-FEEDER-
        OPERATOR-ID in FEEDER-WEIGHT-
        CORRECTION.  When appended to
        DATA-FACILITY-NUMBER, a for-
        eign key to TB_OPERATOR_ID.
  2 AX PROCESS-FLAG              A   2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
```

FILE...: FEEDER-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

     or 'A', indicating an audit
     transaction.
 2 AZ DATA-BASE-KEY-LENGTH   B   2.0 F
     The number of digits being
     used in the DATA-BASE-KEY
     field. Not referenced by Up-
     date. Set to 13.
 2 A0 NUMBER-OF-TREE-KEY-LEVELS   B   2.0 F
     The number of two-byte binary
     segments of the SEGMENT-TREE-
     KEY field being used. Set to
     3.
 2 A2 DATA-BASE-INDICATOR   A   1.0 F
     Indicates sub-system. Set to
     2 for in-life.
 2 A3 DATA-BASE-KEY   A   14.0 F
     The agency-test-cage number
     to which the transaction ap-
     plies. (AATTTTTTTCCCC) Used
     by Update to form the TDG-EXP-
     TEST-CAGE-DATE-DE value that
     will be added to, or selected
     for modification from, TD-
     CAGE-DATA. If a correction,
     also used to form FWC-FEEDER-
     WGT-CORR-KEY-UQ for FEEDER-
     WEIGHT-CORRECTION. The test-
     cage portion forms a foreign
     key to TD-CAGE.
 2 A4 SEGMENT-TREE-KEY   B   20.0 F
     This field is parsed into 10
     2-byte binary sub-fields.
     Only 3 are used for feeder
     weight transactions. The
     first is set to 1000; the se-
     cond is set to 10; the third
     is set to 15.

FILE...: FEEDER-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE
G 1 B9 FEEDER-WEIGHT-DATA
       Group embracing segment-speci-
       fic fields of feeder weight
       transactions.
  2 CB OLD-FEEDER-MANUAL-WEIGHT-FLAG  A   1.0 N
       Flag indicating whether used
       feeder weight was recorded
       manually.  0 - Yes; 1 - No.
       Loaded by Update into TDG-MAN-
       UAL-ENTRY-FLAG-OLD-FEED in TD-
       CAGE-DATA.  If an add-with-
       audit, also loaded into FWC-
       MANUAL-ENTRY-FLAG-OLD-FEED in
       FEEDER-WEIGHT-CORRECTION.
  2 CD OLD-FEEDER-WEIGHT             B   4.0 N
       Weight, in decigrams, of used
       feeder.  Loaded by Update
       into TDG-OLD-FEEDER-WEIGHT in
       TD-CAGE-DATA.  If an add-with-
       audit, also loaded into FWC-
       OLD-FEEDER-WEIGHT in FEEDER-
       WEIGHT-CORRECTION.
  2 CF NEW-FEEDER-MANUAL-WEIGHT-FLAG  A   1.0 N
       Flag indicating whether full
       feeder weight was recorded
       manually. 0 - No; 1 - Yes.
       Loaded by Update into TDG-MAN-
       UAL-ENTRY-FLAG-NEW-FEED in TD-
       CAGE-DATA.  If an add-with-
       audit, also loaded into FWC-
       MANUAL-ENTRY-FLAG-NEW-FEED in
       FEEDER-WEIGHT-CORRECTION.
  2 CH NEW-FEEDER-WEIGHT             B   4.0 N
       Weight, in decigrams, of the
       full feeder.  Loaded by
       Update into TDG-NEW-FEEDER-
       WEIGHT in TD-CAGE-DATA.  If an
       add-with-audit, also loaded
       into FWC-NEW-FEEDER-WEIGHT in
       FEEDER-WEIGHT-CORRECTION.
  2 CJ OLD-FEEDER-STATUS            P   5.0 N
       Weight status code indicating
```

```
FILE...: FEEDER-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE
        reason why used weight was not
        recorded.  Loaded by Update
        into TDG-OLD-FEEDER-STATUS in
        TD-CAGE-DATA.  If an add-with-
        audit, also loaded into FWC-
        OLD-FEEDER-STATUS in FEEDER-
        WEIGHT-CORRECTION.  Foreign
        key to TBWGTSTATUS.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE            P   5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update to form FWC-
        FEEDER-WGT-CORR-KEY-UQ for
        FEEDER-WEIGHT-CORRECTION.
  2 ER CORRECTION-TIME            P   5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update to
        form FWC-FEEDER-WGT-CORR-KEY-
        UQ for FEEDER-WEIGHT-CORREC-
        TION.
  2 ES CORRECTION-REASON          A   2.0 N
        Code for correction reason.
        Loaded by Update into FWC-COR-
        RECTION-REASON in FEEDER-
        WEIGHT-CORRECTION.  Foreign
        key to TBCORRREASON.
  2 ET CORRECTION-NOTE            A  79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to FWC-CORRECTION-NOTE in
        FEEDER-WEIGHT-CORRECTION.
  2 EU CORRECTION-TYPE            A   1.0 N
        Single letter indicating type
        of correction. A-Add, C-Change
        D-Delete.  Loaded by Update
        into FWC-CORRECTION-TYPE in
        FEEDER-WEIGHT-CORRECTION.
  2 FA CORRECTION-KEY             A  31.0 N DE
```

FILE...: FEEDER-WEIGHT-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                           F   LENG S DE

        If either the date portion of
        TDG-EXP-TEST-CAGE-DATE-DE or
        TDG-FEEDER-TIME is being
        changed then RECEIVE or ECS
        will concatenate the original
        TDG-EXP-TEST-CAGE-DATE-DE,
        the original TDD-FEEDER-TIME,
        CORRECTION-DATE, and CORREC-
        TION-TIME to form a string
        that it loads into this field.
        Loaded by Update into FWC-
        FEEDER-WGT-CORR-KEY-LINK-UQ in
        FEEDER-WEIGHT-CORRECTION.
  1 EW RECEIVE-UPDATE-KEY            A   54.0 N DE
        Unique key for database trans-
        actions.  Elements of key are:
        SEGMENT-ID, MICRO-OR-ECS-FLAG,
        TDG-EXP-TEST-CAGE-DATE-DE for/
        from TD-CAGE-DATA, TOX-DATA-
        DATE, TOX-DATA-TIME, TOX-MAIN-
        FRAME-DATE, TOX-MAINFRAME-
        TIME, and a 4-digit sequence
        number for the transaction in
        its segment within the source
        set.
```

HISTOLOGY-NUMBER-TRANSACTION

Logical layout of histology number transactions. Loaded by RECEIVE
and ECS. Read by Update to modify records in the TD-ANIMAL file.
For corrections, also used to add records to HISTOLOGY-NUMBER-
CORRECTION.

```
FILE...: HISTOLOGY-NUMBER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                  A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to HN.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG           A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE              B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME              B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET             B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE          B   2.0 F
       The date, in TDMS TOX date
```

FILE...: HISTOLOGY-NUMBER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                         F   LENG S DE

        format, on which the source
        set was received.  Used by RE-
        CEIVE and ECS to form RECEIVE-
        UPDATE-KEY.  Not referenced by
        Update.
  2 AJ TOX-MAINFRAME-TIME           B   2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Not refer-
        enced by Update.
  2 AL AGENCY-NUMBER                B   2.0 F
        Foreign key to TBAGENCY.  Not
        referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER        B   2.0 F
        When the transaction is a corresponds-
        rection, this indicates the
        operator ID for the person
        making the correction and is
        loaded by Update into HIC-COR-
        RECTION-OPERATOR-ID in HISTO-
        LOGY-NUMBER-CORRECTION.  When
        appended to DATA-FACILITY-NUM-
        BER, a foreign key to TB_OPER-
        ATOR_ID.
  2 AS SOFTWARE-VERSION             B   2.0 F
        The version of LDAS under
        which the source set was
        generated.  Not referenced by
        Update.
  2 AT TOX-DATA-DATE                B   2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created.  Loaded by
        Update into TDA-HISTOLOGY-NUM-
        BER-DATE in TD-ANIMAL.  If an
```

```
FILE...: HISTOLOGY-NUMBER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                       F   LENG S DE
        add-with-audit, also loaded
        into HIC-HISTOLOGY-NUMBER-DATE
        in HISTOLOGY-NUMBER-CORREC-
        TION.
  2 AU TOX-DATA-TIME               B   2.0 F
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created.
        Loaded by Update into TDA-HIS-
        TOLOGY-NUMBER-TIME in TD-ANI-
        MAL.  If a correction, also
        loaded into HIC-HISTOLOGY-NUM-
        BER-TIME.
  2 AV DATA-FACILITY-NUMBER        B   2.0 F
        The facility associated with
        the machine on which the
        source set was created.  Not
        referenced by Update.  A for-
        eign key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST     B   2.0 F
        The ID of the pathologist as-
        signed to the test.  Loaded by
        Update into TDA-PATHOLOGIST-
        IDENTIFICATION in TD-ANIMAL.
        If an add-with-audit, also
        loaded into HIC-PATHOLOGIST-
        IDENTIFICATION in HISTOLOGY-
        NUMBER-CORRECTION.  When ap-
        pended to DATA-FACILITY-NUM-
        BER, a foreign key to
        TB_OPERATOR_ID.
  2 AX PROCESS-FLAG                A   2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
        or 'A', indicating an audit
        transaction.
  2 AZ DATA-BASE-KEY-LENGTH        B   2.0 F
```

Data Dictionary: TDMS   **261**   **TS-1005-2.2**

```
FILE...: HISTOLOGY-NUMBER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                            F   LENG S DE

        The number of digits being
        used in the DATA-BASE-KEY
        field.  Not referenced by Up-
        date.  Set to 14.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS       B   2.0 F
        The number of two-byte binary
        segments of the SEGMENT-TREE-
        KEY field being used.  Set to
        1.
  2 A2 DATA-BASE-INDICATOR            A   1.0 F
        Indicates sub-system.  Set to
        3 for pathology.
  2 A3 DATA-BASE-KEY                  A  14.0 F
        The carcass ID (CID) for the
        animal being assigned an his-
        tology number.  Used by Up-
        date to select the TD-ANIMAL
        record to which the transac-
        applies.  For correc-
        tions, also used to form HIC-
        HISTOLOGY-CORR-KEY-UQ for HIS-
        TOLOGY-NUMBER-CORRECTION.
  2 A4 SEGMENT-TREE-KEY               B  20.0 F
        This field is parsed into 10
        2-byte binary sub-fields.
        Only the first one is used for
        histology number transactions,
        and it is assigned a value of
        2000.
G 1 DJ HISTOLOGY-NUMBER-DATA
        Group embracing segment-speci-
        fic fields of histology number
        transactions.
  2 DK HISTOLOGY-OPERATOR             B   2.0 N
        ID for operator assigning
        histology number.  Loaded by
        Update into TDA-HISTOLOGY-NUM-
```

```
FILE...: HISTOLOGY-NUMBER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                         F   LENG S DE
        OPERATOR-ID in TD-ANIMAL.  If
        an add-with-audit, also loaded
        into HIC-HISTOLOGY-NUM-OPERA-
        TOR-ID of HISTOLOGY-NUMBER-
        CORRECTION.  When appended to
        DATA-FACILITY-NUMBER, a for-
        eign key to TB_OPERATOR_ID.
  2 DL HISTOLOGY-NUMBER             A   16.0 N
        Lab-specific identification
        number for carcasses.  Loaded
        by Update into TDA-HISTOLOGY-
        NUMBER in TD-ANIMAL.  If an
        add-with-audit, also loaded
        into HIC-HISTOLOGY-NUMBER of
        HISTOLOGY-NUMBER-CORRECTION.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE              P    5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update to form HIC-
        HISTOLOGY-CORR-KEY-UQ for HIS-
        TOLOGY-NUMBER-CORRECTION.
  2 ER CORRECTION-TIME              P    5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update to
        form HIC-HISTOLOGY-CORR-KEY-UQ
        for HISTOLOGY-NUMBER-CORREC-
        TION.
  2 ES CORRECTION-REASON            A    2.0 N
        Code for correction reason.
        Loaded by Update into HIC-COR-
        RECTION-REASON in HISTOLOGY-
        NUMBER-CORRECTION.  A foreign
        key to TBCORRREASON.
  2 ET CORRECTION-NOTE              A   79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to HIC-CORRECTION-NOTE in HIS-
        TOLOGY-NUMBER-CORRECTION.
```

FILE...: HISTOLOGY-NUMBER-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE

  2 EU CORRECTION-TYPE            A    1.0 N
       Single letter indicating type
       of correction. A-Add, C-Change
       D-Delete.  Loaded by Update
       into HIC-CORRECTION-TYPE in
       HISTOLOGY-NUMBER-CORRECTION.
  2 EX CORRECTION-KEY             A   26.0 N DE
       Not loaded by RECEIVE or ECS.
       Loaded by Update into HIC-HIS-
       TOLOGY-CORR-KEY-LINK-UQ in
       HISTOLOGY-NUMBER-CORRECTION.
  1 EW RECEIVE-UPDATE-KEY         A   54.0 N DE
       Unique key for database trans-
       actions.  Elements of key are:
       SEGMENT-ID, MICRO-OR-ECS-FLAG,
       TDA-EXP-TEST-ANIMAL-UQ, 11
       spaces, TOX-DATA-DATE, TOX-DA-
       TA-TIME, TOX-MAINFRAME-DATE,
       TOX-MAINFRAME-TIME, and a 4-
       digit sequence number for the
       transaction in its segment
       within the source set.
```

MICRO-SITE-STATUS-TRANSACTION

Logical layout for site status transactions. Site status data was a feature of the MODCOMP data collection that was made defunct by LDAS. There is an ECS module that will add records to this table, but it is incorrect procedure to use that module. Correct procedure calls for a test to be converted to LDAS format prior to modification.

```
FILE...: MICRO-SITE-STATUS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                      F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.
       Used by ECS to form RECEIVE-
       UPDATE-KEY.  Set to SS.
  2 AB MICRO-OR-ECS-FLAG         A   1.0 F
       Identifier for source of
       transaction.  Set to E for
       Mainframe ECS.  Used by Update
       to generate Update statistics
       report.   Used by ECS to form
       RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE            B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME            B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET           B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
```

```
FILE...: MICRO-SITE-STATUS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

  2 AI TOX-MAINFRAME-DATE          B   2.0 F
         The date, in TDMS TOX date
         format, on which the source
         set was received.  Used by ECS
         to form RECEIVE-UPDATE-KEY.
         Not referenced by Update.
  2 AJ TOX-MAINFRAME-TIME          B   2.0 F
         The time of day, in TDMS TOX
         time format, on which the
         source set was received.  Used
         by ECS to form RECEIVE-UPDATE-
         KEY.  Not referenced by Update
  2 AL AGENCY-NUMBER               B   2.0 F
         Foreign key to TBAGENCY.  Not
         referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER       B   2.0 F
         The operator ID for the per-
         son making the correction.  It
         is loaded by Update into SSC-
         CORRECTION-OEPRATOR-ID in MIC-
         RO-SITE-STATUS-CORRECTION.
         When appended to DATA-FACILI-
         TY-NUMBER, a foreign key to
         TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION            B   2.0 F
         The version of LDAS under
         which the source set was
         generated.  Not referenced by
         Update.
  2 AT TOX-DATA-DATE               B   2.0 F
         The date, in TDMS TOX date
         format, on which the trans-
         action was created.  Loaded by
         Update into TDO-SITE-STATUS-
         DATE in TD-ORGAN.  Used to
         form SSC-MICRO-SITE-CORR-KEY-
         UQ for MICRO-SITE-STATUS-COR-
         RECTION.  Used by ECS to form
```

```
FILE...: MICRO-SITE-STATUS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                         F    LENG S DE
       RECEIVE-UPDATE-KEY.
  2 AU TOX-DATA-TIME                 B    2.0 F
       The time of day, in TDMS TOX
       time format, at which the
       transaction was created.
       Loaded by Update into TDO-
       SITE-STATUS-TIME in TD-ORGAN.
       Used to form SCC-MICRO-SITE-
       CORR-KEY-UQ for MICRO-SITE-
       CORRECTION.  Used by RECEIVE
       to form RECEIVE-UDPATE-KEY.
  2 AV DATA-FACILITY-NUMBER          B    2.0 F
       The facility associated with
       the machine on which the
       source set was created.  Not
       referenced by Update.  A for-
       eign key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST       B    2.0 F
       The operator ID for the path-
       ologist assigned to the test.
       Loaded by Update into TDO-
       SITE-STATUS-PATHOLOGIST-ID in
       TD-ORGAN.  If an add-with-aud-
       it, also loaded into SSC-SITE-
       STATUS-PATHOLOGIST-ID in MIC-
       RO-SITE-STATUS-CORRECTION.
       When appended to DATA-FACILI-
       TY-NUMBER, a foreign key to
       TB_OPERATOR_ID.
  2 AX PROCESS-FLAG                  A    2.0 F
       Two-letter identifier for the
       type of transaction. The first
       digit can be A, C, or D, which
       signifies add, change, or del-
       ete, respectively.  The second
       digit is either blank, indica-
       ting an original transaction,
       or 'A', indicating an audit
       transaction.
  2 AZ DATA-BASE-KEY-LENGTH          B    2.0 F
       The number of digits being
       used in the DATA-BASE-KEY
```

FILE...: MICRO-SITE-STATUS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

      field. Not referenced by Up-
      date. Set to 14.

  2 A0 NUMBER-OF-TREE-KEY-LEVELS   B   2.0 F
      The number of two-byte binary
      segments of the SEGMENT-TREE-
      KEY field being used. Set to
      5.

  2 A2 DATA-BASE-INDICATOR   A   1.0 F
      Indicates sub-system. Set to
      3 for pathology.

  2 A3 DATA-BASE-KEY   A   14.0 F
      The carcass ID (CID) for the
      animal from which the organ
      being observed was taken.
      Used by Update to select the
      master TD-ANIMAL record for
      the transaction.

  2 A4 SEGMENT-TREE-KEY   B   20.0 F
      This field is parsed into 10
      2-byte binary sub-fields.
      The second is for pathologist
      type and is set to "A"; the
      fourth is the organ (a foreign
      key to TBPCT) where the site
      is. Both values are used to
      to form TDO-EXP-TST-ANUM-
      ORG-PATHT-UQ that will be used
      by Update to select the re-
      cord to which the site status
      transaction will be applied.
      Also used to from the SSC-
      MICRO-SITE-CORR-KEY-UQ for
      MICRO-SITE-STATUS-CORRECTION.

G 1 EL MICRO-SITE-STATUS-DATA
      Legacy group embracing all
      segment-specific fields in
      site status transactions.

```
FILE...: MICRO-SITE-STATUS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                            F    LENG S DE
  2 EM MICRO-SITE-STATUS-OPERATOR-ID   B    2.0 N
        Id for operator assigning
        site status.  Loaded by
        Update into TDO-SITE-STATUS-
        OPERATOR-ID of TD-ORGAN. If an
        add-with-audit, also loaded
        into SSC-SITE-STATUS-OPERATOR-
        ID in MICRO-SITE-STATUS-COR-
        RECTION.  When appended to
        DATA-FACILITY-NUMBER, a for-
        eign key to TB_OPERATOR_ID.
  2 EN MICRO-SITE                       B    2.0 N
        Organ-Site for which a status
        is being assigned.  Loaded by
        Update into TDO-SITE-CODE in
        TD-ORGAN.  If an add-with-aud-
        it, also loaded into SSC-SITE-
        CODE in MICRO-SITE-STATUS-COR-
        RECTION.  A foreign key to
        TBPCT.
  2 EO MICRO-SITE-STATUS               B    2.0 N
        Status of the organ-site being
        evaluated.  Loaded by Update
        into TDO-SITE-STATUS in TD-OR-
        GAN.  If an add-with-audit,
        also loaded into SSC-SITE-
        STATUS in MICRO-SITE-STATUS-
        CORRECTION.  A foreign key
        to TBORGSTA.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE                 P    5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update to form SSC-
        MICRO-SITE-CORR-KEY-UQ for
        MICRO-SITE-STATUS-CORRECTION.
  2 ER CORRECTION-TIME                 P    5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update to
```

FILE...: MICRO-SITE-STATUS-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

     form SSC-MICRO-SITE-CORR-KEY-
     UQ for MICRO-SITE-STATUS-COR-
     RECTION.
 2 ES CORRECTION-REASON   A   2.0 N
     Code for correction reason.
     Loaded by Update into SSC-COR-
     RECTION-REASON of MICRO-SITE-
     STATUS-CORRECTION. Foreign
     key to TBCORRREASON.
 2 ET CORRECTION-NOTE   A   79.0 N
     Free text describing the corresponds-
     rection. Loaded by Update in-
     to SSC-CORRECTION-NOTE of MIC-
     RO-SITE-STATUS-CORRECTION.
 2 EU CORRECTION-TYPE   A   1.0 N
     Single letter indicating type
     of correction. A-Add, C-Change
     D-Delete. Loaded by Update
     into SSC-CORRECTION-TYPE of
     MICRO-SITE-STATUS-CORRECTION.
 2 FB CORRECTION-KEY   A   32.0 N DE
     Not assigned a value by ECS or
     RECEIVE. Loaded by Update in-
     to AMC-MICRO-ORG-CORR-KEY-
     LINK-UQ in ANY-MICRO-ORGAN-
     CORRECTION.
 1 EW RECEIVE-UPDATE-KEY   A   54.0 N DE
     Unique key for database trans-
     actions. Elements of key are:
     SEGMENT-ID, MICRO-OR-ECS-FLAG,
     TDO-EXP-TST-ANUM-ORG-PATHT-UQ,
     5 spaces, TOX-DATA-DATE, TOX-
     DATA-TIME, TOX-MAINFRAME-DATE,
     TOX-MAINFRAME-TIME, and a 4-
     digit sequence number for the
     transaction in its segment
     within the source set.

NOT-EXAMINED-TRANSACTION

Logical layout of "not examined" transactions. Loaded by RECEIVE
and ECS. Read by Update to modify records in the TD-ANIMAL file.
If a correction, information also used to add records to NOT-
EXAMINED-CORRECTION.

```
FILE...: NOT-EXAMINED-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE
- - --  -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                  A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to NE.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG           A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE              B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME              B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET             B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE          B   2.0 F
       The date, in TDMS TOX date
```

```
FILE...: NOT-EXAMINED-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                      F   LENG S DE
```

```
       format, on which the source
       set was received.  Used by RE-
       CEIVE and ECS to form RECEIVE-
       UPDATE-KEY.  Not referenced by
       Update.
  2 AJ TOX-MAINFRAME-TIME         B    2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set was received.  Used
       by RECEIVE and ECS to form RE-
       CEIVE-UPDATE-KEY.  Not refer-
       enced by Update.
  2 AP ENTRY-OPERATOR-NUMBER      B    2.0 F
       When the transaction is a corresponds-
       rection, this indicates the
       operator ID for the person
       making the correction and is
       loaded by Update into NEC-COR-
       RECTION-OPERATOR-ID in NOT-
       EXAMINED-CORRECTION.  When
       appended to the appropriate
       facility code, a foreign code
       to TB_OPERATOR_ID.
  2 AS SOFTWARE-VERSION           B    2.0 F
       The version of LDAS under
       which the source set was
       generated.  Not referenced by
       Update.
  2 AT TOX-DATA-DATE              B    2.0 F
       The date, in TDMS TOX date
       format, on which the trans-
       action was created.  Loaded by
       Update into TDA-NO-EXAM-DATE
       in TD-ANIMAL.  If an add-with-
       audit, also loaded into NEC-
       NO-EXAM-DATE in NOT-EXAMINED-
       CORRECTION.
```

FILE...: NOT-EXAMINED-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F   LENG S DE
  2 AU TOX-DATA-TIME                 B    2.0 F
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created.
        Loaded by Update into TDA-NO-
        EXAM-TIME in TD-ANIMAL.  If an
        add-with-audit, also loaded
        into NEC-NO-EXAM-TIME in NOT-
        EXAMINED-TRANSACTION.

  2 AW OPERATOR-OR-PATHOLOGIST       B    2.0 F
        The ID for the operator who
        created the transaction.
        Loaded by Update into TDA-NO-
        EXAM-OPERATOR-ID in TD-ANIMAL.
        If an add-with-audit, also
        loaded into NEC-NO-EXAM-OPER-
        ATOR-ID in NOT-EXAMINED-COR-
        RECTION.  When appended to the
        appropriate facility code, a
        foreign key to TB_OPERATOR_-
        ID.

  2 AX PROCESS-FLAG                  A    2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
        or 'A', indicating an audit
        transaction.

G 1 FF NO-EXAM-DATA
        Group embracing segment-speci-
        fic fields in "not examined"
        transactions.

  2 FG NO-EXAM-STUDY                 A    7.0 N
        TDMS test number to which the
        observation applies.   Used by
        Update to select the TD-ANIMAL
        records to which the transac-
        applies.  A foreign key
        to TD-TEST.
```

Data Dictionary: TDMS   **273**   **TS-1005-2.2**

FILE...: NOT-EXAMINED-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                         F   LENG S DE

  2 FH NO-EXAM-ANIMAL-NUM           P    5.0 N
       Number of animal being class-
       ified as not examined.  Not
       referenced by Update.
  2 FI NO-EXAM-PATHOLOGIST          P    5.0 N
       Operator ID of the pathologist
       assigned to the test.  Loaded
       by Update into TDA-NO-EXAM-
       PATHOLOGIST in TD-ANIMAL.  If
       an add-with-audit, also loaded
       into NEC-NO-EXAM-PATH-ID in
       NOT-EXAMINED-CORRECTION.  When
       appended to the appropriate
       facility code, a foreign key
       to TB_OPERATOR_ID.
G 1 EP CORRECTION-PORTION
       Group embracing segment-common
       correction fields.
  2 EQ CORRECTION-DATE              P    5.0 N
       Date, in TDMS TOX date format,
       on which correction was made.
       Used by Update in forming NEC-
       NEC-NO-EXAM-CORR-KEY-UQ for
       NOT-EXAMINED-CORRECTION.
  2 ER CORRECTION-TIME              P    5.0 N
       Time of day, in TDMS TOX time
       format, at which correction
       was made.  Used by Update to
       form NEC-NO-EXAM-CORR-KEY-UQ
       for NOT-EXAMINED-CORRECTION.
  2 ES CORRECTION-REASON            A    2.0 N
       Code for correction reason.
       Loaded by Update into NEC-COR-
       RECTION-REASON in NOT-EXAM-
       INED-CORRECTION.  A foreign
       key to TBCORRREASON.
```

FILE...: NOT-EXAMINED-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE
  2 ET CORRECTION-NOTE             A   79.0 N
     Free text describing the corresponds-
     rection.  Loaded by Update in-
     to NEC-CORRECTION-NOTE in NOT-
     EXAMINED-CORRECTION.
  2 EU CORRECTION-TYPE             A    1.0 N
     Single letter indicating type
     of correction. A-Add, C-Change
     D-Delete.  Loaded by Update
     into NEC-CORRECTION-TYPE in
     NOT-EXAMINED-CORRECTION.
  2 EX CORRECTION-KEY              A   26.0 N DE
     Not loaded by RECEIVE and ECS.
     Loaded by Update into NEC-NO-
     EXAM-CORR-KEY-LINK-UQ in NOT-
     EXAMINED-CORRECTION.
  1 EW RECEIVE-UPDATE-KEY          A   54.0 N DE
     Unique key for database trans-
     actions.  Elements of key are:
     SEGMENT-ID, MICRO-OR-ECS-FLAG,
     TDA-EXP-TEST-ANIMAL-UQ, 11
     spaces, TOX-DATA-DATE, TOX-
     DATA-TIME, TOX-MAINFRAME-DATE,
     TOX-MAINFRAME-TIME, and a 4-
     digit sequence number for the
     transaction in its segment
     within the source set.  Char-
     acters 4-19 form a foreign
     key to TD-ANIMAL.
```

ORGAN-NOTES-TRANSACTION

Logical layout of organ notes transactions. Loaded by RECEIVE and
ECS. Read by Update to add, modify, and delete records in the TD-
ORGAN-DATA file. If transactions are audit changes, then Update also
uses the information to add records to ORGAN-NOTES-
CORRECTION.

```
FILE...: ORGAN-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                  A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.
       Used to form RECEIVE-UPDATE-
       KEY.  Set to ON.
  2 AB MICRO-OR-ECS-FLAG           A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE              B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME              B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET             B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
```

```
FILE...: ORGAN-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                        F   LENG S DE

  2 AI TOX-MAINFRAME-DATE           B   2.0 F
         The date, in TDMS TOX date
         format, on which the source
         set was received.  Not refer-
         enced by Update.  Used to form
         RECEIVE-UPDATE-KEY.
  2 AJ TOX-MAINFRAME-TIME           B   2.0 F
         The time of day, in TDMS TOX
         time format, on which the
         source set was received.  Not
         referenced by Update.  Used to
         form RECEIVE-UPDATE-KEY.
  2 AL AGENCY-NUMBER                B   2.0 F
         Always 5, for NIH/NIEHS/NTP
         Not referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER        B   2.0 F
         When the transaction is a corresponds-
         rection, this indicates the
         operator ID for the person
         making the correction and is
         loaded by Update into OMC-
         CORRECTION-OPERATOR-ID in
         ORGAN-NOTE-CORRECTION.  When
         appended to DATA-FACILITY-NUM-
         BER, a foreign key to TB_OPER-
         ATOR_ID.
  2 AS SOFTWARE-VERSION             B   2.0 F
         The version of LDAS under
         which the source set was
         generated.  Not referenced by
         Update.
  2 AT TOX-DATA-DATE                B   2.0 F
         The date, in TDMS TOX date
         format, on which the trans-
         action was created.  Used to
         form RECEIVE-UPDATE-KEY.
         Used by Update to form the
         value of TDH-ORGAN-OBSERVA-
```

FILE...: ORGAN-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE
       TION-ID-DE that will be added
       to, or selected for modifica-
       from, TD-ORGAN-DATA.
       For corrections, this value
       will be used to form ONC-OR-
       GAN-NOTE-CORR-KEY-UQ for OR-
       GAN-NOTES-CORRECTION.
  2 AU TOX-DATA-TIME               B   2.0 F
       The time of day, in TDMS TOX
       time format, at which the
       transaction was created.  Used
       to form RECEIVE-UPDATE-KEY.
       Loaded by Update into TDH-OR-
       GAN-NOTE-SEQUENCE.  For corresponds-
       rections, it is also used to
       form the value of ONC-ORGAN-
       NOTE-CORR-KEY-UQ for ORGAN-
       NOTES-CORRECTION.
  2 AV DATA-FACILITY-NUMBER        B   2.0 F
       The facility associated with
       the machine on which the
       source set was created.  Not
       referenced by Update.  A for-
       eign key to TBFACLTY.
  2 AW OPERATOR-OR-PATHOLOGIST     B   2.0 F
       The operator ID for the patho-
       logist assigned to the test.
       Loaded by Update into TDH-OR-
       GAN-NOTE-PATHOLOGIST-ID in TD-
       ORGAN-DATA.  For an add-with-
       audit, Update loads the field
       into ONC-ORGAN-NOTE-PATHOLO-
       GIST-ID in ORGAN-NOTES-CORREC-
       TION.  When appended to DATA-
       FACILITY-NUMBER, a foreign key
       to TB_OPERATOR_ID.
  2 AX PROCESS-FLAG                A   2.0 F
       Two-letter identifier for the
       type of transaction. The first
       digit can be A, C, or D, which
       signifies add, change, or del-
       ete, respectively.  The second
```

Data Dictionary: TDMS   **278**   **TS-1005-2.2**

```
FILE...: ORGAN-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

       digit is either blank, indica-
       ting an original transaction,
       or 'A', indicating an audit
       transaction.
  2 AZ DATA-BASE-KEY-LENGTH         B    2.0 F
       The number of digits being
       used in the DATA-BASE-KEY
       field.  Not referenced by Up-
       date.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS    B    2.0 F
       The number of two-byte binary
       segments of the SEGMENT-TREE-
       KEY field being used.
  2 A2 DATA-BASE-INDICATOR          A    1.0 F
       Indicates sub-system.  Set to
       3 for pathology.
  2 A3 DATA-BASE-KEY                A   14.0 F
       The carcass ID for the animal
       to which the observation ap-
       plies.  Used by Update to re-
       trieve the master record in
       TD-ANIMAL.
  2 A4 SEGMENT-TREE-KEY             B   20.0 F
       This field is parsed into 10
       2-byte binary sub-fields.
       The second is set to 'A' for
       pathologist type; the fourth
       is the organ (foreign key to
       TBPCT).  Both are used to form
       the value of TDH-ORGAN-OBSER-
       VATION-ID-DE that will be add-
       ed or selected for modifica-
       from, TD-ORGAN-DATA.  For
       corrections, also used to form
       ONC-ORGAN-NOTE-CORR-KEY-UQ for
       ORGAN-NOTES-CORRECTION.
```

```
FILE...: ORGAN-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                      F   LENG S DE
G 1 D5 ORGAN-NOTES-DATA
       Group embracing fields speci-
       fic to organ note transactions
  2 D6 ORGAN-NOTES-OPERATOR       B   2.0 N
       The ID for the operator who
       recorded the transaction.
       Loaded by Update into TDH-
       ORGAN-NOTE-OPERATOR-ID in TD-
       ORGAN-DATA.  If an add-with-
       audit, also loaded into ONC-
       ORGAN-NOTE-OPERATOR-ID in
       ORGAN-NOTES-CORRECTION.  When
       appended to DATA-FACILITY-NUM-
       BER, a foreign key to TB_OPER-
       ATOR-ID.
M 2 D8 ORGAN-NOTE                 A  80.0 N
       Free text describing a micro-
       scopically evaluated animal
       or organ.  Loaded by Update
       into TDH-ORGAN-NOTE in TD-OR-
       GAN-DATA.  If an add-with-aud-
       it, also loaded into ONC-OR-
       GAN-NOTE in ORGAN-NOTES-COR-
       RECTION.
G 1 EP CORRECTION-PORTION
       Group embracing segment-common
       correction fields.
  2 EQ CORRECTION-DATE            P   5.0 N
       Date, in TDMS TOX date format,
       on which correction was made.
       Used by Update to form ONC-
       ORGAN-NOTE-CORR-KEY-UQ for
       ORGAN-NOTES-CORRECTION.
  2 ER CORRECTION-TIME            P   5.0 N
       Time of day, in TDMS TOX time
       format, at which correction
       was made.  Used by Update to
       form ONC-ORGAN-NOTE-CORR-KEY-
       UQ for ORGAN-NOTES-CORRECTION.
  2 ES CORRECTION-REASON          A   2.0 N
       Code for correction reason.
       Loaded by Update into ONC-COR-
```

```
FILE...: ORGAN-NOTES-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                          F   LENG S DE
```

      RECTION-REASON in ORGAN-NOTES-
      CORRECTION. A foreign key to
      TBCORRREASON.

  2 ET CORRECTION-NOTE   A   79.0 N

      Free text describing the corresponds-
      rection. Loaded by Update in-
      to ONC-CORRECTION-NOTE in OR-
      GAN-NOTES-CORRECTION.

  2 EU CORRECTION-TYPE   A   1.0 N

      Single letter indicating type
      of correction. A-Add, C-Change
      D-Delete. Loaded by Update
      into ONC-CORRECTION-TYPE in
      ORGAN-NOTES-CORRECTION.

  2 FE CORRECTION-KEY   A   42.0 N DE

      If the date portion of TDH-OR-
      GAN-OBSERVATION-ID-DE or TDH-
      ORGAN-NOTE-SEQUENCE are being
      changed, then this field is
      build by concatenating the
      original value of both TDH-OR-
      GAN-OBSERVATION-ID-DE and TDH-
      ORGAN-NOTE-SEQUENCE, with
      CORRECTION-DATE and CORREC-
      TION-TIME. It is loaded by
      Update into ONC-ORGAN-NOTE-
      CORR-KEY-LINK-UQ in ORGAN-
      NOTES-CORRECTION.

  1 EW RECEIVE-UPDATE-KEY   A   54.0 N DE

      Unique key for database trans-
      actions. Elements of key are:
      SEGMENT-ID, MICRO-OR-ECS-FLAG,
      TDH-ORGAN-OBSERVATION-ID-DE,
      TOX-DATA-DATE, TOX-DATE-TIME,
      TOX-MAINFRAME-DATE, TOX-MAIN-
      FRAME-TIME, and a 4-digit se-
      quence number for the trans-
      action in its segment within

FILE...: ORGAN-NOTES-TRANSACTION

TYPE...: USER VIEW

FILE-NR: 86

PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                      F   LENG S DE
      the source set.
```

TEST-NOTE-TRANSACTION

Logical layout of test note transactions. Loaded by RECEIVE and ECS.
Read by Update to add, modify, and delete records in the TD-TEST-
NOTE file.   For corrections, the information is used to add records to
TEST-NOTE-CORRECTION.

```
FILE...: TEST-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                 A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to TN.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG          A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE             B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME             B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET            B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE         B   2.0 F
       The date, in TDMS TOX date
```

FILE...: TEST-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

      format, on which the source
      set was received. Used by RE-
      CEIVE and ECS to form RECEIVE-
      UPDATE-KEY. Not referenced by
      Update.
  2 AJ TOX-MAINFRAME-TIME   B   2.0 F
      The time of day, in TDMS TOX
      time format, on which the
      source set was received. Used
      by RECEIVE and ECS to form RE-
      CEIVE-UPDATE-KEY. Not refer-
      enced by Update.
  2 AP ENTRY-OPERATOR-NUMBER   B   2.0 F
      When the transaction is a corresponds-
      rection, this indicates the
      operator ID for the person
      making the correction and is
      loaded by Update into TNC-COR-
      RECTION-OPERATOR-ID in TEST-
      NOTE-CORRECTION.
  2 AS SOFTWARE-VERSION   B   2.0 F
      The version of LDAS under
      which the source set was
      generated. Not referenced by
      Update.
  2 AT TOX-DATA-DATE   B   2.0 F
      The date, in TDMS TOX date
      format, on which the trans-
      action was created. Used by
      RECEIVE and ECS to form RE-
date to form the value of TDS-
      EXP-TEST-DATE-TIME-UQ that
      will be added to, or selected
      for modification from, TD-
      TEST-NOTE. If a correction,
      used to form TNC-TEST-NOTE-
      CORR-KEY-UQ for TEST-NOTE-COR-

FILE...: TEST-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                      F   LENG S DE
       RECTION.
  2 AU TOX-DATA-TIME             B   2.0 F
```
The time of day, in TDMS TOX
time format, at which the
transaction was created. Used
by RECEIVE and ECS to form RE-
CEIVE-UPDATE-KEY. Used by Up-
date to form the value of TDS-
EXP-TEST-DATE-TIME-UQ that
will be added to, or selected
for modification from, TD-
TEST-NOTE. If a correction,
also used to form TNC-TEST-
NOTE-CORR-KEY-UQ of TEST-NOTE-
CORRECTION.

```
  2 AW OPERATOR-OR-PATHOLOGIST   B   2.0 F
```
The ID of the operator who
create the transaction.
Loaded by Update into TDS-
OPER-NUM in TD-TEST-NOTE. If
an add-with-audit, also load-
ed into TNC-TEST-OPERATOR-ID
in TEST-NOTE-CORRECTION.

```
  2 AX PROCESS-FLAG              A   2.0 F
```
Two-letter identifier for the
type of transaction. The first
digit can be A, C, or D, which
signifies add, change, or del-
ete, respectively. The second
digit is either blank, indica-
ting an original transaction,
or 'A', indicating an audit
transaction.

```
G 1 FK TEST-NOTE-DATA
```
Group embracing segment-speci-
fic fields in test note trans-
actions.

```
  2 FL TEST-STUDY               A   7.0 N
```
The TDMS test number to which
the note applies. Used by
RECEIVE and ECS to form RE-
CEIVE-UPDATE-KEY. Used by Up-

```
FILE...: TEST-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE

      date to form the value of TDS-
      EXP-TEST-DATE-TIME-UQ that
      will be added to, or selected
      for modification from, TD-
      TEST-NOTE.  If a correction,
      also used to form TNC-TEST-
      NOTE-CORR-KEY-UQ for TEST-
      NOTE-CORRECTION.
  2 FM TEST-NOTE                   A  160.0 N
      Free text commenting on some
      aspect of a test.  Loaded by
      Update into TDS-NOTE-TEXT in
      TD-TEST-NOTE.  If an add-with-
      audit, also loaded into TNC-
      TEST-NOTE in TEST-NOTE-CORREC-
      TION.
G 1 EP CORRECTION-PORTION
      Group embracing segment-common
      correction fields.
  2 EQ CORRECTION-DATE             P    5.0 N
      Date, in TDMS TOX date format,
      on which correction was made.
      Used by Update to form TNC-
      TEST-NOTE-CORR-KEY-UQ for
      TEST-NOTE-CORRECTION.
  2 ER CORRECTION-TIME             P    5.0 N
      Time of day, in TDMS TOX time
      format, at which correction
      was made.  Used by Update to
      form TNC-TEST-NOTE-CORR-KEY-UQ
      for TEST-NOTE-CORRECTION.
  2 ES CORRECTION-REASON           A    2.0 N
      Code for correction reason.
      Loaded by Update into TNC-COR-
      RECTION-REASON in TEST-NOTE-
      CORRECTION.
  2 ET CORRECTION-NOTE             A   79.0 N
```

FILE...: TEST-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE
       Free text describing the corresponds-
       rection.  Loaded by Update in-
       to TNC-CORRECTION-NOTE in
       TEST-NOTE-CORRECTION.
  2 EU CORRECTION-TYPE             A    1.0 N
       Single letter indicating type
       of correction. A-Add, C-Change
       D-Delete.  Loaded by Update
       into TNC-CORRECTION-TYPE in
       TEST-NOTE-CORRECTION.
  2 EY CORRECTION-KEY              A   27.0 N DE
       If either the date or time
       portion of TDS-EXP-TEST-DATE-
       TIME-UQ is being changed then
       then RECEIVE or ECS will con-
       catenate the original TDS-EXP-
       -TEST-DATE-TIME-UQ, CORREC-
       TION-DATE, and CORRECTION-
       TIME to form a string that it
       loads into this field.  Loaded
       by Update into TNC-TEST-NOTE-
       CORR-KEY-LINK-UQ in TEST-NOTE-
       CORRECTION.
  1 EW RECEIVE-UPDATE-KEY          A   54.0 N DE
       Unique key for database trans-
       actions.  Elements of key are:
       SEGMENT-ID, MICRO-OR-ECS-FLAG,
       TDS-EXP-TEST-DATE-TIME-UQ for/
       from TD-TEST-NOTE, TOX-DATA-
       DATE, TOX-DATA-TIME, TOX-MAIN-
       FRAME-DATE, TOX-MAINFRAME-
       TIME, and a 4-digit sequence
       number for the transaction in
       its segment within the source
       set.
```

TREAT-NOTE-TRANSACTION

Logical layout of treatment group note transactions. Loaded by
RECEIVE and ECS. Read by Update to add, modify, and delete
records in the TD-TREAT-NOTE file. For corrections, the information
is used to add records to TREAT-NOTE-CORRECTION.

```
FILE...: TREAT-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to TG.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG         A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE            B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME            B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET           B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE        B   2.0 F
       The date, in TDMS TOX date
```

FILE...: TREAT-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE

        format, on which the source
        set was received.  Used by RE-
        CEIVE and ECS to form RECEIVE-
        UPDATE-KEY.  Not referenced by
        Update.
  2 AJ TOX-MAINFRAME-TIME           B   2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY. Not refer-
        enced by Update.
  2 AP ENTRY-OPERATOR-NUMBER        B   2.0 F
        When the transaction is a corresponds-
        rection, this indicates the
        operator ID for the person
        making the correction and is
        loaded by Update into TGC-COR-
        RECTION-OPERATOR-ID of TREAT-
        NOTE-CORRECTION.
  2 AS SOFTWARE-VERSION             B   2.0 F
        The version of LDAS under
        which the source set was
        generated.  Not referenced by
        Update.
  2 AT TOX-DATA-DATE                B   2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created.  Used by
        RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Used by Up-
date to form the value of TDT-
        EXP-TEST-TRT-DATE-TIME-UQ that
        will be added to, or selected
        for modification from, TD-
        TREATMENT-NOTE.  If a correc-
        , also used to form TGC-
```

FILE...: TREAT-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                     F   LENG S DE
        TREAT-NOTE-CORR-KEY-UQ for
        TREAT-NOTE-CORRECTION.
  2 AU TOX-DATA-TIME            B   2.0 F
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Used by Up-
        date to form the value of TDG-
        EXP-TEST-TRT-DATE-TIME-UQ that
        will be added to, or selected
        for modification from, TD-
        TREATMENT-NOTE.  If a correc-
        , also used to form TGC-
        TREAT-NOTE-CORR-KEY-UQ for
        TREAT-NOTE-CORRECTION.
  2 AW OPERATOR-OR-PATHOLOGIST   B   2.0 F
        The ID of the operator who
        created the transaction.
        Loaded by Update into TDT-
        OPER-NUM of TD-TREATMENT-NOTE.
        If an add-with-audit, also
        loaded into TGC-TREAT-OPERA-
        TOR-ID in TREAT-NOTE-CORREC-
        TION.
  2 AX PROCESS-FLAG             A   2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
        or 'A', indicating an audit
        transaction.
G 1 FN TREAT-NOTE-DATA
        Group embracing segment-speci-
        fic fields of treatment group
        note transactions.
  2 FO TREAT-STUDY             A   7.0 N
        The study to which the note
        applies.  Used by RECEIVE and
```

```
FILE...: TREAT-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                         F    LENG S DE

        ECS to form RECEIVE-UPDATE-
        KEY.  Used by Update to form
        the value of TDT-EXP-TEST-TRT-
        DATE-TIME-UQ for TD-TREATMENT-
        NOTE.  If a correction, also
        used to form TGC-TREAT-NOTE-
        CORR-KEY-UQ of TREAT-NOTE-
        CORRECTION.
  2 FP TREAT-GROUP                   A    3.0 N
        The ID of the treatment group
        to which the note applies.
        Used by Update to form the
        value of TDT-EXP-TEST-TRT-
        DATE-TIME-UQ of TD-TREATMENT-
        NOTE.  If a correction, also
        used to form TGC-TREAT-NOTE-
        CORR-KEY-UQ for TREAT-NOTE-
        CORRECTION.
  2 FQ TREAT-NOTE                    A  160.0 N
        Free text commenting on some
        aspect of a treatment group.
        Loaded by Update into TDT-
        NOTE-TEXT of TD-TREATMENT-
        NOTE.  If an add-with-audit,
        also loaded into TGC-TREAT-
        NOTE in TREAT-NOTE-CORRECTION.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE               P    5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update to form TGC-
        TREAT-NOTE-CORR-KEY-UQ for
        TREAT-NOTE-CORRECTION.
  2 ER CORRECTION-TIME               P    5.0 N
        Time of day, in TDMS TOX time
```

FILE...: TREAT-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                       F   LENG S DE
        format, at which correction
        was made.  Used by Update to
        form TGC-TREAT-NOTE-CORR-KEY-
        UQ of TREAT-NOTE-CORRECTION.
  2 ES CORRECTION-REASON          A    2.0 N
        Code for correction reason.
        Loaded by Update into TGC-COR-
        RECTION-REASON in TREAT-NOTE-
        CORRECTION.
  2 ET CORRECTION-NOTE            A   79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        into TGC-CORRECTION-NOTE of
        TREAT-NOTE-CORRECTION.
  2 EU CORRECTION-TYPE            A    1.0 N
        Single letter indicating type
        of correction. A-Add, C-Change
        D-Delete.  Loaded by Update
        into TGC-CORRECTION-TYPE in
        TREAT-NOTE-CORRECTION.
  2 EZ CORRECTION-KEY             A   30.0 N DE
        If either the date, time, or
        treatment group number portion
        of TDT-EXP-TEST-TRT-DATE-TIME-
        UQ is changing then RECEIVE or
        ECS concatenates the original
        value of TDT-EXP-TEST-TRT-
        DATE-TIME-UQ, CORRECTION-DATE,
        and CORRECTION-TIME into a
        string that it loads into this
        field.  Loaded by Update into
        TGC-TREAT-NOTE-CORR-KEY-LINK-
        UQ of TREAT-NOTE-CORRECTION.
  1 EW RECEIVE-UPDATE-KEY         A   54.0 N DE
        Unique key for database trans-
        actions.  Elements of key are:
        SEGMENT-ID, MICRO-OR-ECS-FLAG,
        TDT-EXP-TEST-TRT-DATE-TIME-UQ
        for/from TD-TREATMENT-NOTE
        left-justified into a 27-byte
        string, TOX-DATA-DATE, TOX-
        DATA-TIME, TOX-MAINFRAME-DATE,
```

FILE...: TREAT-NOTE-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

T L DB NAME   F   LENG S DE

           TOX-MAINFRAME-TIME, and a 4-
           digit sequence number for the
           transaction in its segment
           within the source set.

UNCERTAIN-TRANSACTION

Logical layout for uncertain cause-of-death transactions. Loaded by
RECEIVE and ECS. Read by Update to modify records in the TD-
ANIMAL file. For correction, information is used to add records to
UNCERTAIN-CORRECTION.

```
FILE...: UNCERTAIN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                         F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID                    A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update.  Set
       to UC.  Used to form RECEIVE-
       UPDATE-KEY.
  2 AB MICRO-OR-ECS-FLAG             A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.  Used to
       form RECEIVE-UPDATE-KEY.
  2 AE TOX-MICRO-DATE                B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME                B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET               B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE            B   2.0 F
       The date, in TDMS TOX date
```

```
FILE...: UNCERTAIN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                       F   LENG S DE

        format, on which the source
        set was received.  Used by RE-
        CEIVE and ECS to form RECEIVE-
        UPDATE-KEY.  Not referenced by
        Update.
  2 AJ TOX-MAINFRAME-TIME          B   2.0 F
        The time of day, in TDMS TOX
        time format, on which the
        source set was received.  Used
        by RECEIVE and ECS to form RE-
        CEIVE-UPDATE-KEY.  Not refer-
        enced by Update.
  2 AP ENTRY-OPERATOR-NUMBER       B   2.0 F
        When the transaction is a corresponds-
        rection, this indicates the
        operator ID for the person
        making the correction and is
        loaded by Update into UCC-
        CORRECTION-OPERATOR-ID.
  2 AS SOFTWARE-VERSION            B   2.0 F
        The version of LDAS under
        which the source set was
        generated.  Not referenced by
        Update.
  2 AT TOX-DATA-DATE               B   2.0 F
        The date, in TDMS TOX date
        format, on which the trans-
        action was created.  Loaded by
        Update into TDA-UNCERTAIN-
        OPERATOR-ID in TD-ANIMAL.  If
        an add-with-audit, also loaded
into UCC-UNCERTAIN-DATE in
        UNCERTAIN-CORRECTION.
  2 AU TOX-DATA-TIME               B   2.0 F
        The time of day, in TDMS TOX
        time format, at which the
        transaction was created.
```

FILE...: UNCERTAIN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE
        Loaded by Update into TDA-UN-
        CERTAIN-TIME in TD-ANIMAL.  If
        an add-with-audit, also loaded
        into UCC-UNCERTAIN-TIME in
        UNCERTAIN-CORRECTION.
  2 AW OPERATOR-OR-PATHOLOGIST     B   2.0 F
        The ID of the operator who
        created the transaction.
        Loaded by Update into TDA-
        UNCERTAIN-OPERATOR-ID in TD-
        ANIMAL.  If an add-with-audit,
        also loaded into UCC-UNCER-
        TAIN-OPERATOR-ID in UNCERTAIN-
        CORRECTION.
  2 AX PROCESS-FLAG                A   2.0 F
        Two-letter identifier for the
        type of transaction. The first
        digit can be A, C, or D, which
        signifies add, change, or del-
        ete, respectively.  The second
        digit is either blank, indica-
        ting an original transaction,
        or 'A', indicating an audit
        transaction.
G 1 FF UNCERTAIN-DATA
        Group embracing segment-speci-
        fic fields in "uncertain
        cause-of-death" transactions.
  2 FG UNCERTAIN-STUDY             A   7.0 N
        TDMS test number to which the
        observation applies.  Used by
        Update to select the TD-ANIMAL
        record to which the transac-
        applies.
  2 FH UNCERTAIN-ANIMAL-NUM        P   5.0 N
        Number of animal being class-
        ified as having uncertain
        cause-of-death.  Not refer-
        enced by Update.
  2 FI UNCERTAIN-PATHOLOGIST       P   5.0 N
        Operator ID of the pathologist
        assigned to the test.  Loaded
```

```
FILE...: UNCERTAIN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                        F   LENG S DE

        by Update into TDA-UNCERTAIN-
        PATHOLOGIST in TD-ANIMAL.  If
        an add-with-audit, also loaded
        into UCC-UNCERTAIN-PATH-ID in
        UNCERTAIN-CORRECTION.
G 1 EP CORRECTION-PORTION
        Group embracing segment-common
        correction fields.
  2 EQ CORRECTION-DATE             P   5.0 N
        Date, in TDMS TOX date format,
        on which correction was made.
        Used by Update to form  UCC-
        UNCERTAIN-CORR-KEY-UQ for UN-
        CERTAIN-CORRECTION.
  2 ER CORRECTION-TIME             P   5.0 N
        Time of day, in TDMS TOX time
        format, at which correction
        was made.  Used by Update to
        form UCC-UNCERTAIN-CORR-KEY-UQ
        for UNCERTAIN-CORRECTION.
  2 ES CORRECTION-REASON           A   2.0 N
        Code for correction reason.
        Loaded by Update into UCC-COR-
        RECTION-REASON in UNCERTAIN-
        CORRECTION.
  2 ET CORRECTION-NOTE             A  79.0 N
        Free text describing the corresponds-
        rection.  Loaded by Update in-
        to UNC-CORRECTION-NOTE in UN-
        CERTAIN-CORRECTION.
  2 EU CORRECTION-TYPE             A   1.0 N
        Single letter indicating type
        of correction. A-Add, C-Change
        D-Delete.  Loaded by Update
        into UNC-CORRECTION-TYPE in
        UNCERTAIN-CORRECTION.
```

FILE...: UNCERTAIN-TRANSACTION
TYPE...: USER VIEW
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                         F   LENG S DE
  2 EX CORRECTION-KEY               A   26.0 N DE
        Not assigned a value by RE-
        CEIVE or ECS.  Loaded by Up-
        date into UCC-UNCERTAIN-CORR-
        KEY-LINK-UQ in UNCERTAIN-COR-
        RECTION.

  1 EW RECEIVE-UPDATE-KEY           A   54.0 N DE
        Unique key for database trans-
        actions.  Elements of key are:
        SEGMENT-ID, MICRO-OR-ECS-FLAG,
        TDA-EXP-TEST-ANIMAL-UQ, 11
        spaces, TOX-DATA-DATE, TOX-
        DATA-TIME, TOX-MAINFRAME-DATE,
        TOX-MAINFRAME-TIME, and a 4-
        digit sequence number for the
        transaction in its segment
        within the source set.
```

STATUS_FILE

View of RECEIVE transaction set status information. Provides a
history of set processing.

```
FILE...: STATUS_FILE
TYPE...: USER VIEW
FILE-NR: 38
PRIMARY SEQUENCE FIELD: STATUS_EXP_AND_TEST_NUMBER
```

```
T L DB NAME                             F   LENG S DE
- - -- -- - - --
  1 CD STATUS_AGENCY_FACILT_DISK_SUBSYS A   11.0
       Composite field whose elements
       are: the 2-digit agency num-
       ber, which is a foreign key to
       TBAGENCY, the facility code,
       which is a foreign key to
       TBFACLTY and is right-justi-
       fied and padded into a 5-digit
       string, the diskette ID as a
       2-byte binary string (not as-
       signed to LDAS sets); and a 2-
       digit subsystem ID, EI for in-
       life, and HI for pathology.
  1 IJ STATUS_EXP_AND_TEST_NUMBER       N   7.0   DE
       The experiment and test number
       to which the set applies.
       When appended to the agency
       number, a foreign key to
       PAS_MASTER.
  1 KK STATUS_TRANSACTION_SET_NUM       N   5.0
       The sequentially assigned set
       number.  In-life and pathology
       sets on a test both start from
       1, and are unique for that
       test.
  1 LL STATUS_HEADER_TOX_DATE           A   8.0
       The date on which the set was
       created, in the form YYYYMMDD.
  1 MM STATUS_HEADER_TOX_TIME           A   6.0
       The time at which the set was
       created, in the form HHMMSS.
  1 OO STATUS_RECEIVE_DATE              A   8.0 N
       The date on which the set was
       successfully processed by RE-
```

FILE...: STATUS_FILE
TYPE...: USER VIEW
FILE-NR: 38
PRIMARY SEQUENCE FIELD: STATUS_EXP_AND_TEST_NUMBER


```
T L DB NAME                          F   LENG S DE

      CEIVE, in the form YYYYMMDD.
  1 PP STATUS_RECEIVE_TIME           A   6.0 N
      The time at which the set was
      successfully processed by RE-
      CEIVE, in the form HHMMSS.
  1 QQ STATUS_RECEIVE_INDICATOR      A   1.0 F
      Flag used to track interim
      status of MODCOMP RECEIVE pro-
      cessing.  Assigned a value by
      current RECEIVE for compati-
      bility with STATTRAN reports,
      but has no meaning since there
      is no longer interim status.
  1 RR STATUS_VERIFY_INDICATOR       A   1.0 F
      Flag used to track interim
      status of MODCOMP RECEIVE pro-
      cessing.  Assigned a value by
      current RECEIVE for compati-
      bility with STATTRAN reports,
      but has no meaning since there
      is no longer interim status.
  1 SS STATUS_CONVERT_INDICATOR      A   1.0 F
      Flag used to track interim
      status of MODCOMP RECEIVE pro-
      cessing.  Assigned a value by
      current RECEIVE for compati-
      bility with STATTRAN reports,
      but has no meaning since there
      is no longer interim status.
  1 TT STATUS_NOTIFY_INDICATOR       A   1.0 N
      Flag used to track interim
      status of MODCOMP RECEIVE pro-
      cessing.  Assigned a value by
      current RECEIVE for compati-
      bility with STATTRAN reports,
      but has no meaning since there
      is no longer interim status.
```

FILE...: STATUS_FILE
TYPE...: USER VIEW
FILE-NR: 38
PRIMARY SEQUENCE FIELD: STATUS_EXP_AND_TEST_NUMBER


```
T L DB NAME                          F   LENG S DE
  1 UU STATUS_TRANSACTION_COUNT      N    5.0 N
        The number of database trans-
        actions RECEIVE created.  This
        total is different than the
        number of transaction sets
        themselves, since RECEIVE con-
        solidates and splits out
        transactions in certain cir-
        cumstances.
  1 KE STATUS_KEY                     A   34.0   SP
         SOURCE FIELD(S) --- -START- --END-
        STATUS_AGENCY_FACILT_DISK_SUBSYS    1      11
        STATUS_EXP_AND_TEST_NUMBER          1      7
        STATUS_TRANSACTION_SET_NUM          1      2
        STATUS_HEADER_TOX_DATE              1      8
        STATUS_HEADER_TOX_TIME              1      6

        Used to select data for STAT-
        TRAN and RECEIVE.  The primary
        key for the table.
  1 VV STATUS_EXP_TEST_TRANS_SET_NUM  B    9.0   SP
         SOURCE FIELD(S) --- -START- --END-
        STATUS_EXP_AND_TEST_NUMBER          1      7
        STATUS_TRANSACTION_SET_NUM          1      2

        Used to select data based on
        experiment-test and transac-
        set number
```

4.4 Audit History Views

ANIMAL-MICRO-NOTES-CORRECTION
Logical view of pathology animal note audit changes. The master file is
TD-MICRO-ANIMAL-NOTES. Data from this view is not retrieved by
any current TDMS component.

FILE...: ANIMAL-MICRO-NOTES-CORRECTION

TYPE...: USER VIEW

FILE-NR: 87

PRIMARY SEQUENCE FIELD: MAC-MICRO-ANI-NOTE-CORR-KEY-UQ

```
T L DB NAME                      F   LENG S DE
- - --  -- - - --
  1 AY MAC-MICRO-ANI-NOTE-CORR-KEY-UQ   A   37.0 N UQ
       Composite field formed at Up-
       date by the concatenation of:
       the values of TDM-EXP-TST-
       ANUM-PATHT-DATE-DE and TDM-
       MICRO-ANIMAL-NOTE-SEQUENCE af-
       ter the record change, and
       CORRECTION-DATE and CORREC-
       TION-TIME from the transac-
       tion.  The first 22 characters
       constitute a foreign key to
       TD-MICRO-ANIMAL-NOTE.
  1 ED MAC-OPERATOR-ID            P   5.0 N
       Historic value of TDM-OPERA-
       TOR-IDENTIFICATION.  If MAC-
       CORRECTION-TYPE is 'A', then
       it is the original value; oth-
       erwise, it is the value prior
       to modification.  Appended to
       the appropriate facility code,
       a foreign key to TB_OPERATOR-
       _ID.
  1 EE MAC-PATHOLOGIST-ID         P   5.0 N
       Historic value of TDM-PATHO-
       LOGIST-IDENTIFICATION.  If
       MAC-CORRECTION-TYPE is 'A',
       it is the original value; oth-
       erwise, it is the value prior
       to modification.  Appended to
```

FILE...: ANIMAL-MICRO-NOTES-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: MAC-MICRO-ANI-NOTE-CORR-KEY-UQ


```
T L DB NAME                       F   LENG S DE

      the appropriate facility code,
      a foreign key to TB_OPERATOR_-
      ID.
  1 DA MAC-COD-FLAG               A   1.0 F Historic value of TDM-COD-
      FLAG. If MAC-CORRECTION-TYPE
      is 'A', then it is the origi-
      nal value; otherwise, it is
      the value prior to modifica-
tion.
M 1 DI MAC-MICRO-ANIMAL-NOTE      A   80.0 N
      Historic value of TDM-MICRO-
      ANIMAL-NOTE.  If MAC-CORREC-
      TION-TYPE is 'A', then this is
      the original value; otherwise,
      it is the value prior to modi-
      fication.
  1 CA MAC-CORRECTION-OPERATOR-ID P   5.0 F
      The ID of the operator who
      made the correction.  Append-
      ed to the appropriate facility
      code, a foreign key to
      TB_OPERATOR_ID.
  1 CB MAC-CORRECTION-REASON      A   2.0 F
      The reason for the correction.
      A foreign key to TBCORRREASON.
  1 CC MAC-CORRECTION-NOTE        A   79.0 N
      Free text entered by correc-
      operator describing the
      correction (optional).
  1 CD MAC-CORRECTION-TYPE        A   1.0 F
      Type of correction, A for add,
      C for change, D for delete.
  1 AZ MAC-MICRO-ANI-NTE-COR-KEY-LNK-UQ A   37.0 N UQ
      If MAC-CORRECTION-TYPE is 'C'
      and either TDM-EXP-TST-ANUM-
      PATHT-DATE-DE or TDM-MICRO-
      ANIMAL-NOTE-SEQUENCE was
      changed, then the value of
      this is field built by concat-
      enating the prior values of
```

FILE...: ANIMAL-MICRO-NOTES-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: MAC-MICRO-ANI-NOTE-CORR-KEY-UQ


```
T L DB NAME                          F   LENG S DE
        TDM-EXP-TST-ANUM-PATHT-DATE-DE
        and TDM-MICRO-ANIMAL-NOTE-SE-
        QUENCE, and CORRECTION-DATE
        and CORRECTION-TIME.  A for-
        eign key to ANIMAL-MICRO-
        NOTES-CORRECTION itself.
```

ANIMAL-NOTE-CORRECTION

Logical view of animal note corrections. Master file is TD-ANIMAL-DATA. View is used by EIS Report 22.

```
FILE...: ANIMAL-NOTE-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ANC-ANIMAL-NOTE-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AA ANC-ANIMAL-NOTE-CORR-KEY-UQ  A   36.0 N UQ
         A composite field formed at
         Update by concatenating: the
         values of TDD-EXP-TEST-ANIMAL-
         DATA-DE and TDD-NOTE-TIME af-
         ter the record change, and
         CORRECTION-DATE and CORREC-
         TION-TIME from the transaction
         record. The first 21 charac-
         ters are a foreign key to TD-
         ANIMAL-DATA.
  1 ED ANC-NOTE-OPERATOR-ID         P   5.0 N
         Historic value of TDD-NOTE-
         OPERATOR-ID.  If ANC-CORREC-
         TION-TYPE is 'A', then it is
         the original value; otherwise,
         it is the value prior to
         modification.  When appended
         to the appropriate facility
         code, a foreign key to
         TB_OPERATOR_ID.
  1 DA ANC-NOTE-MANUAL-FLAG         A   1.0 F
         Historic value of TDD-MANUAL-
         ENTRY-FLAG-NOTE.  If ANC-COR-
         RECTION-TYPE is 'A', then it
         is the original value; other-
         wise, it is the value prior to
         modification.
M 1 DI ANC-ANIMAL-NOTE             A   80.0 N
         Historic value of TDD-ANIMAL-
         NOTE.  If ANC-CORRECTION-TYPE
         is 'A', then it is the origi-
         nal value; otherwise, it is
         the value prior to modifica-
```

FILE...: ANIMAL-NOTE-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ANC-ANIMAL-NOTE-CORR-KEY-UQ

```
T L DB NAME                          F   LENG S DE

      tion.
  1 CA ANC-CORRECTION-OPERATOR-ID     P    5.0 F
      The operator who made corresponds-
      rection.  When appended to
      the appropriate facility code,
      a foreign key to TB_OPERATOR_-
      ID.
  1 CB ANC-CORRECTION-REASON          A    2.0 F
      The correction reason.  A for-
      eign key to TBCORRREASON.
  1 CC ANC-CORRECTION-NOTE            A   79.0 N
      Free text entered by correc-
      operator describing the
      correction (optional).
  1 CD ANC-CORRECTION-TYPE            A    1.0 F
      Type of correction, A for add,
      C for change, D for delete.
  1 AB ANC-ANIMAL-NOTE-CORR-KEY-LINK-UQ A   36.0 N UQ
      If ANC-CORRECTION-TYPE is 'C'
      and either TDD-EXP-TEST-ANI-
      MAL-DATE-DE or TDD-NOTE-TIME
      was changed, then the value is
      built by concatenating the
      the prior values those fields
      with CORRECTION-DATE and COR-
      RECTION-TIME from the trans-
      action.  A foreign key to
      ANIMAL-NOTE-CORRECTION itself.
```

ANIMAL-OBSERVATION-CORRECTION

Logical view of animal observation corrections. Master file is TD-ANIMAL-DATA. Used by EIS Report 22.

FILE...: ANIMAL-OBSERVATION-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: AOC-ANIMAL-OBS-CORR-KEY-UQ

```
T L DB NAME                      F   LENG S DE
- - --  -- - - --
  1 AC AOC-ANIMAL-OBS-CORR-KEY-UQ  A   36.0 N UQ
         A composite field formed at
         Update by concatenating the
         values of TDD-EXP-TEST-ANIMAL-
         DATE-DE and TDD-OBSERVATION-
         TIME after the record change,
         and CORRECION-DATE and CORREC-
         TION-TIME from the transac-
         tion.  The first 21 characters
         are a foreign key to TD-ANI-
         MAL-DATA.
  1 ED AOC-OBSERVATION-OPERATOR-ID  P    5.0 N
         Historic value of TDD-OBSERVA-
         TION-OPERATOR-ID.  If AOC-COR-
         RECTION-TYPE is 'A', then it
         is the original value; other-
         wise, it is the value prior to
         modification.  When appended
         to the appropriate facility
         code, a foreign key to TB_-
         OPERATOR_ID.
  1 DA AOC-MANUAL-ENTRY-FLAG        A    1.0 F
         Historic value of TDD-MANUAL-
         ENTRY-FLAG-OBS.  If AOC-COR-
         RECTION-TYPE is 'A', then it
         is the original value; other-
         wise, it is the value prior to
         modification.
P 1 FA AOC-OBSERVATION-DATA
         Historic record of the TDD-
         OBSERVATION-DATA periodic
         group.
  2 FB AOC-OBSERVATION-DE          P    5.0 N
         Historic values of TDD-OBSER-
```

FILE...: ANIMAL-OBSERVATION-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: AOC-ANIMAL-OBS-CORR-KEY-UQ


```
T L DB NAME                       F   LENG S DE
```

```
      VATION.  If AOC-CORRECTION-
      TYPE is 'A', then they are the
      original values; otherwise,
      they are the values prior to
      modification.  A foreign key
      to TBCLOBSC.
  2 FC AOC-SITE                    P   5.0 N
      Historic values of TDD-SITE.
      If AOC-CORRECTION-TYPE is 'A',
      then they are the original
      values; otherwise, they are
      the values prior to modifica-
      tion.  A foreign key to
      TBCLOBSC.
  2 FD AOC-EIQUAL1                 P   5.0 N
      Historic values of TDD-EIQUAL1
      If AOC-CORRECTION-TYPE is 'A',
      then they are the original
      values; otherwise, they are
      the values prior to modifica-
      tion.  A foreign key to
      TBCLOBSC.
  2 FE AOC-EIQUAL2                 P   5.0 N
      Historic values of TDD-EIQUAL2
      If AOC-CORRECTION-TYPE is 'A',
      then they are the original
      values; otherwise, they are
      the values prior to modifica-
      tion.  A foreign key to
      TBCLOBSC.
  1 CA AOC-CORRECTION-OPERATOR-ID  P   5.0 F
      The operator who made the corresponds-
      rection.  When appended to the
      appropriate facility code, a
      foreign key to TB_OPERATOR_ID.
  1 CB AOC-CORRECTION-REASON       A   2.0 F
      The correction reason.  A for-
```

Data Dictionary: TDMS   **308**   **TS-1005-2.2**

FILE...: ANIMAL-OBSERVATION-CORRECTION

TYPE...: USER VIEW

FILE-NR: 87

PRIMARY SEQUENCE FIELD: AOC-ANIMAL-OBS-CORR-KEY-UQ


```
T L DB NAME                      F   LENG S DE
       eign key to TBCORRREASON.
  1 CC AOC-CORRECTION-NOTE        A   79.0 N
       Free text entered by correc-
       operator describing the
       correction (optional).
  1 CD AOC-CORRECTION-TYPE        A    1.0 F
       Type of correction, A for add,
       C for change, D for delete.
  1 AD AOC-ANIMAL-OBS-CORR-KEY-LINK-UQ  A   36.0 N UQ
       If ANC-CORRECTION-TYPE is 'C'
       and either TDD-EXP-TEST-ANI-
       MAL-DATE-DE or TDD-OBSERVA-
       TION-TIME was changed, then
       the value is built by concate-
       nating the prior values of
       TDD-EXP-TEST-ANIMAL-DATE-DE
       and TDD-OBSERVATION-TIME, and
       CORRECTION-DATE and CORREC-
       TION-TIME from the transac-
       tion.  A foreign key to ANI-
       MAL-OBSERVATION-CORRECTION it-
       self.
```

ANIMAL-REMOVAL-CORRECTION
Logical view of animal removal corrections. Master file is TD-ANIMAL. Used by EIS Report 22.

```
FILE...: ANIMAL-REMOVAL-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ARC-ANIMAL-REM-CORR-KEY-UQ


T L DB NAME                         F   LENG S DE
- - --  -- - - --
  1 AE ARC-ANIMAL-REM-CORR-KEY-UQ   A   26.0 N UQ
        Composite field made at Update
        by concatenating the value of
        TDA-EXP-TEST-ANIMAL-UQ with
        CORRECTION-DATA and CORREC-
        TION-TIME in the transaction.
        The first 16 characters form
        a foreign key to TD-ANIMAL.
  1 DE ARC-CARCASS-IDENTIFICATION-DE A   14.0 N
        Historic value of TDA-CARCASS-
        IDENTIFICATION-DE.  If ARC-
        CORRECTION-TYPE is 'A', then
        it is the original value; oth-
        erwise, it is the value prior
        to modification.
  1 ED ARC-REASON-FOR-REMOVAL-DE     P    5.0 N
        Historic value of TDA-REASON-
        FOR-REMOVAL-DE.  If ARC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise, it the value prior to
        modification.  Foreign key
        to TBCLOBSC.
  1 EE ARC-REMOVAL-DATE              P    5.0 N
        Historic value of TDA-REMOVAL-
        DATE.  If ARC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 EF ARC-REMOVAL-TIME              P    5.0 N
        Historic value of TDA-REMOVAL-
        TIME.  If ARC-CORRECTION-TYPE
        is 'A', then it is the origi-
```

```
FILE...: ANIMAL-REMOVAL-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ARC-ANIMAL-REM-CORR-KEY-UQ
```

```
T L DB NAME                          F   LENG S DE

        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 EG ARC-REMOVAL-OPERATOR-ID        P   5.0 N
        Historic value of TDA-REMOVAL-
        OPERATOR-ID.  If ARC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.  When concatenated
        to the appropriate facility
        code, a foreign key to
        TB_OPERATOR_ID.
  1 EH ARC-DAYS-ON-EXPERIMENT         P   5.0 N
        Historic value of TDA-DAYS-ON-
        EXPERIMENT.  If ARC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.
  1 DA ARC-MANUAL-ENTRY-FLAG-WGT      A   1.0 F
        Historic value of TDA-MANUAL-
        ENTRY-FLAG-WGT.  If ARC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise, it is the value prior to
        modification.
  1 EI ARC-REM-WEIGHT-STATUS          P   5.0 N
        Historic value of TDA-REM-
        WEIGHT-STATUS.  If ARC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.  Foreign key to
        TBWGTSTATUS.
  1 DB ARC-MANUAL-FLAG                A   1.0 F
        Historic value of TDA-MANUAL-
```

FILE...: ANIMAL-REMOVAL-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ARC-ANIMAL-REM-CORR-KEY-UQ


```
T L DB NAME                      F   LENG S DE
        ENTRY-FLAG-REM.  If ARC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise, it is the value prior
        to modification.
   1 EL ARC-REMOVAL-WEIGHT       P   11.0 N
        Historic value of TDA-ANIMAL-
        REM-WEIGHT.  If ARC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.
P  1 FA ARC-OBSERVATION-DATA
        Historic record of the TDA-
        OBSERVATION-DATA periodic
        group.
   2 FB ARC-OBSERVATION-DE       P    5.0 N
        Historic values of TDA-OBSER-
        VATION.  If ARC-CORRECTION-
        TYPE is 'A', then they are the
        original values; otherwise,
        they are the values prior to
        modification.  Foreign key to
        TBCLOBSC.
   2 FC ARC-SITE                 P    5.0 N
        Historic values of TDA-SITE.
        If ARC-CORRECTION-TYPE is 'A',
        then they are the original
        values; otherwise, they are
        the values prior to modifica-
        tion.  Foreign key to TBCLOBSC
   2 FD ARC-EIQUAL1              P    5.0 N
        Historic values of TDA-EIQUAL1
        If ARC-CORRECTION-TYPE is 'A',
        then they are the original
        values; otherwise, they are
        the values prior to modifica-
        tion.  Foreign key to TBCLOBSC
   2 FE ARC-EIQUAL2              P    5.0 N
        Historic values of TDA-EIQUAL2
        If ARC-CORRECTION-TYPE is 'A',
        then they are the original
```

FILE...: ANIMAL-REMOVAL-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ARC-ANIMAL-REM-CORR-KEY-UQ

```
T L DB NAME                          F   LENG S DE

     values; otherwise, they are
     the values prior to modifica-
     tion.  Foreign key to TBCLOBSC
  1 DC ARC-MANUAL-ENTRY-FLAG-OBS      A   1.0 F
     Historic value of TDA-MANUAL-
     ENTRY-FLAG-OBS.  If ARC-COR-
     RECTION-TYPE is 'A', then it
     is the original value; other-
     wise, it is the value prior
     to modification.
  1 CA ARC-CORRECTION-OPERATOR-ID     P   5.0 F
     Operator who made correction.
     When appended to appropriate
     facility code, a foreign key
     to TB_OPERATOR_ID.
  1 CB ARC-CORRECTION-REASON          A   2.0 F
     The correction reason.  A for-
     eign key to TBCORRREASON.
  1 CC ARC-CORRECTION-NOTE            A  79.0 N
     Free text entered by correc-
     operator describing the
     correction (optional).
  1 CD ARC-CORRECTION-TYPE            A   1.0 F
     Type of correction, A for add,
     C for change, D for delete.
  1 AF ARC-ANIMAL-REM-CORR-KEY-LINK-UQ  A  26.0 N UQ
     No possible value.
```

ANIMAL-TRANSFER-CORRECTION

    Logical view of animal transfer corrections. Master table is TD-
    ANIMAL. Used by EIS Report 22.

```
FILE...: ANIMAL-TRANSFER-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ATC-ANIMAL-TRAN-CORR-KEY-UQ


T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AG ATC-ANIMAL-TRAN-CORR-KEY-UQ  A   26.0 N UQ
        Composite field formed at Up-
        date by concatenating TDA-EXP-
        TEST-ANIMAL-UQ with CORREC-
        TION-DATE and CORRECTION-TIME
        from the transaction.  The
        first 16 characters are a
        foreign key to TD-ANIMAL.
  1 ED ATC-TRANSFER-DATE           P   5.0 N
        Historic value of TDA-TRANS-
        FER-DATE.  If ATC-CORRECTION-
        TYPE is 'A', then it is the
        original value; otherwise, it
        is the value prior to modifi-
        cation.
  1 EE ATC-TRANSFER-TIME           P   5.0 N
        Historic value of TDA-TRANS-
        FER-TIME.  If ATC-CORRECTION-
        TYPE is 'A', then it is the
        original value; otherwise, it
        is the value prior to modifi-
        cation.
  1 EF ATC-TRANSFER-OPERATOR-ID    P   5.0 N
        Historic value of TDA-TRANS-
        FER-OPERATOR-ID.  If ATC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise it is the value prior to
        modification.  When appended
        to the appropriate facility
        code, a foreign key to
        TB_OPERATOR_ID.
  1 EG ATC-HOSPITAL-CAGE           P   5.0 N
```

FILE...: ANIMAL-TRANSFER-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ATC-ANIMAL-TRAN-CORR-KEY-UQ

T L DB NAME   F   LENG S DE

        Historic value of TDA-HOSPI-
        TAL-CAGE-DE. If ATC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.
  1 CA ATC-CORRECTION-OPERATOR-ID   P   5.0 F
        Operator who made correction.
        When appended to the appropri-
        ate facility code, a foreign
        key to TB_OPERATOR_ID.
  1 CB ATC-CORRECTION-REASON   A   2.0 F
        Correction reason. Foreign
        key to TBCORRREASON.
  1 CC ATC-CORRECTION-NOTE   A   79.0 N
        Free text entered by correc-
        operator describing the
        correction (optional).
  1 CD ATC-CORRECTION-TYPE   A   1.0 F
        Type of correction, A for add,
        C for change, D for delete.
  1 AH ATC-ANIMAL-TRAN-CORR-KEY-LINK-UQ A   26.0 N UQ
        No value possible.

ANIMAL-WEIGHT-CORRECTION

Logical layout of animal weight corrections. Master file is TD-ANIMAL-DATA. Used by EIS Report 22.

```
FILE...: ANIMAL-WEIGHT-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: AWC-ANIMAL-WGT-CORR-KEY-UQ
```

```
T L DB NAME                          F   LENG S DE
- - --  -- - - --
  1 AI AWC-ANIMAL-WGT-CORR-KEY-UQ    A   36.0 N UQ
         Composite field formed at Up-
         ate by concatenating the val-
         ues of DD-EXP-TEST-ANIMAL-
         DATE-DE and TDD-WEIGHT-TIME
         after the record change, and
         CORRECTION-DATE and CORREC-
         TION-TIME from the transac-
         tion.  First 21 characters
         form a foreign key to TD-
         ANIMAL-DATA.
  1 EL AWC-ANIMAL-WEIGHT             P   11.0 N
         Historic value of TDD-ANIMAL-
         WEIGHT.  If AWC-CORRECTION-
         TYPE is 'A', then it is the
         original value; otherwise, it
         is the value prior to modifi-
         cation.
  1 ED AWC-WEIGHT-OPERATOR-ID        P    5.0 N
         Historic value of TDD-WEIGHT-
         OPERATOR-ID.  If AWC-CORREC-
         TION-TYPE is 'A', then it is
         the original value; otherwise,
         it is the value prior to modi-
         fication.  When appended to
         the appropriate facility code,
         a foreign key to TB_OPERATOR_-
         ID.
  1 DA AWC-MANUAL-ENTRY-FLAG-WGT     A    1.0 F
         Historic value of TDD-MANUAL-
         ENTRY-FLAG-WGT.  If AWC-COR-
         RECTION-TYPE is 'A', then it
         is the original value; other-
         wise, it is the value prior to
```

FILE...: ANIMAL-WEIGHT-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: AWC-ANIMAL-WGT-CORR-KEY-UQ


```
T L DB NAME                          F   LENG S DE

        modification.
  1 EE AWC-WEIGHT-STATUS             P    5.0 N
        Historic value of TDD-WEIGHT-
        STATUS.  If AWC-CORRECTION-
        TYPE is 'A', then it is the
        original value; otherwise, it
        is the value prior to modifi-
        cation.  Foreign key to
        TBWGTSTATUS.
  1 CA AWC-CORRECTION-OPERATOR-ID    P    5.0 F
        ID of operator who made corresponds-
        rection.  When appended to the
        appropriate facility code, a
        foreign key to TB_OPERATOR_ID.
  1 CB AWC-CORRECTION-REASON         A    2.0 F
        The correction reason.  A for-
        eign key to TBCORRREASON.
  1 CC AWC-CORRECTION-NOTE           A   79.0 N
        Free text entered by correc-
        operator describing the
        correction (optional).
  1 CD AWC-CORRECTION-TYPE           A    1.0 F
        Type of correction, A for add,
        C for change, D for delete.
  1 AJ AWC-ANIMAL-WGT-CORR-KEY-LINK-UQ  A   36.0 N UQ
        If AWC-CORRECTION-TYPE is 'C'
        and either TDD-EXP-TEST-ANI-
        MAL-DATE-DE or TDD-WEIGHT-TIME
        was changed, then the value is
        built by concatenating the
        prior values of TDD-EXP-TEST-
        ANIMAL-DATE-DE and TDD-WEIGHT-
        TIME from TD-ANIMAL-DATA, and
        CORRECTION-DATE and CORREC-
        TION-TIME from ANIMAL-WEIGHT-
```

FILE...: ANIMAL-WEIGHT-CORRECTION

TYPE...: USER VIEW

FILE-NR: 87

PRIMARY SEQUENCE FIELD: AWC-ANIMAL-WGT-CORR-KEY-UQ


```
T L DB NAME                         F   LENG S DE
        TRANSACTION.  A foreign key
        to ANIMAL-WEIGHT-CORRECTION
        itself.
```

FILE-NR:

ANY-ANIMAL-CORRECTION

Logical view of animal allocation corrections. Master table is TD-ANIMAL. Used by EIS Report 22.

```
FILE...: ANY-ANIMAL-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: AAC-ANY-ANIMAL-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AK AAC-ANY-ANIMAL-CORR-KEY-UQ   A   26.0 N UQ
        Composite field formed at Up-
        date by concatenating TDA-
        EXP-TEST-ANIMAL-UQ, and COR-
        RECTION-DATE  and  CORRECTION-
        TIME from the transaction.
        The first 16 characters form
        a foreign key to TD-ANIMAL.
  1 DA AAC-ANIMAL-IDENTIFICATION    A    1.0 F
        Historic value of TDA-ANIMAL-
        IDENTIFICATION.  If AAC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise it is the value prior to
        modification.
  1 ED AAC-ANIMAL-CLASS             P    5.0 N
        Historic value of TDA-ANIMAL-
        CLASS.  If AAC-CORRECTION-
        TYPE is 'A', then it is the
        original value; otherwise, it
        is the value prior to modifi-
        cation.  Foreign key to
        TBANCLQF.
  1 DB AAC-SEX                      A    1.0 F
        Historic value of TDA-SEX.  If
        AAC-CORRECTION-TYPE is 'A',
        then it is the original value;
        otherwise, it is the value
        prior to modification.
  1 EE AAC-SPECIES                  P    5.0 N
        Historic value of TDA-SPECIES.
        If AAC-CORRECTION-TYPE is 'A',
        then it is the original value;
        otherwise, it is the value
```

FILE...: ANY-ANIMAL-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: AAC-ANY-ANIMAL-CORR-KEY-UQ

```
T L DB NAME                      F   LENG S DE

        prior to modification.
        Foreign key to TBSTRAIN.
  1 EF AAC-STRAIN                 P    5.0 N
        Historic value of TDA-STRAIN.
        If AAC-CORRECTION-TYPE is 'A',
        then it is the original value;
        otherwise, it is the value
        prior to modification.
        Foreign key to TBSTRAIN.
  1 EG AAC-SUBSTRAIN              P    5.0 N
        Historic value of TDA-SUB-
        STRAIN.  If AAC-CORRECTION-
        TYPE is 'A', then it is the
        original value; otherwise, it
        is the value prior to modifi-
        cation.  Foreign key to
        TBSUBSTR.
  1 EH AAC-ANIMAL-DATE            P    5.0 N
        Historic value of TDA-ANIMAL-
        DATE.  If AAC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 EI AAC-ANIMAL-TIME            P    5.0 N
        Historic value of TDA-ANIMAL-
        TIME.  If AAC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 EJ AAC-ANIMAL-OPERATOR-ID     P    5.0 N
        Historic value of TDA-ANIMAL-
        OPERATOR-ID.  If AAC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
```

FILE...: ANY-ANIMAL-CORRECTION

TYPE...: USER VIEW

FILE-NR: 87

PRIMARY SEQUENCE FIELD: AAC-ANY-ANIMAL-CORR-KEY-UQ

```
T L DB NAME                       F   LENG S DE
       fication.  When appended to
       the appropriate facility code,
       a foreign key to TB_OPERATOR-
       _ID.
  1 CA AAC-CORRECTION-OPERATOR-ID    P   5.0 F
       ID of operator who corresponds-
       rection.  When appended to the
       appropriate facility code, a
       foreign key to TB_OPERATOR_ID.
  1 CB AAC-CORRECTION-REASON         A   2.0 F
       The correction reason.  A for-
       eign key to TBCORRREASON.
  1 CC AAC-CORRECTION-NOTE           A  79.0 N
       Free text entered by correc-
       operator describing the
       correction (optional).
  1 CD AAC-CORRECTION-TYPE           A   1.0 F
       Type of correction, A for add,
       C for change, D for delete.
  1 AL AAC-ANY-ANIMAL-CORR-KEY-LINK-UQ  A  26.0 N UQ
       No possible value.
```

ANY-MICRO-OBS-CORRECTION

Logical view of pathology microscopic observation audit changes.
Master file is TD-ORGAN-DATA. Not referenced by any TDMS
retrieval component.

```
FILE...: ANY-MICRO-OBS-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: MOC-MICRO-OBS-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 BA MOC-MICRO-OBS-CORR-KEY-UQ    A   42.0 N UQ
       Composite field formed at Up-
       date by concatenating the
       values of TDH-ORGAN-OBSERVA-
       TION-ID-DE and TDH-MICRO-OB-
       ERVATION-SEQUENCE after the
       transaction has been applied,
       and CORRECTION-DATE and COR-
       RECTION-TIME from the trans-
       action.  The first 27 charac-
       ters form a foreign key to
       TD-ORGAN-DATA.
  1 ED MOC-MICRO-OBS-OPERATOR-ID    P    5.0 N
       Historic value of TDH-MICRO-
       OBS-OPERATOR-ID.  If MOC-COR-
       RECTION-TYPE is 'A', then it
       is the original value; other-
       wise, it is the value prior to
       modification.  When appended
       to the appropriate facility
       code, a foreign key to
       TB_OPERATOR_ID.
  1 EE MOC-PRIMARY-SITE             P    5.0 N
       Historic value of TDH-PRIMARY-
       SITE.  If MOC-CORRECTION-TYPE
       is 'A', then it is the origi-
       nal value; otherwise, it is
       the value prior to modifica-
       tion.  Foreign key to TBPCT.
  1 EF MOC-OBSERVATION-MORPHOLOGY-DE P    5.0 N
       Historic value of TDH-OBSERVA-
       TION-MORPHOLOGY-DE.  If MOC-
       CORRECTION-TYPE is 'A', then
```

```
FILE...: ANY-MICRO-OBS-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: MOC-MICRO-OBS-CORR-KEY-UQ


T L DB NAME                       F   LENG S DE

        it is the original value; oth-
        erwise, it is the value prior
        to modification.  Foreign key
        to TBPCT.
M 1 FF MOC-OBSERVATION-QUALIFIER    P    5.0 N
        Historic values of TDH-OBSER-
        VATION-QUALIFIER.  If MOC-COR-
        RECTION-TYPE is 'A', then they
        are the original values; oth-
        erwise, they are the values
        prior to modification.  For-
        eign key to TBPCT.
M 1 FG MOC-OBSERVATION-SITE         P    5.0 N
        Historic values of TDH-OBSER-
        VATION-SITE.  If MOC-CORREC-
        TION-TYPE is 'A', then they
        are the original values; oth-
        erwise, they are the values
        prior to modification.  For-
        eign key to TBPCT.
  1 EJ MOC-MICRO-OBS-PATHOLOGIST-ID P    5.0 N
        Historic value of TDH-MICRO-
        OBS-PATHOLOGIST-ID.  If MOC-
        CORRECTION-TYPE is 'A', then
        it is the original value; oth-
        erwise, it is the value prior
        to modification.  When append-
        ed to the appropriate facility
        code, a foreign key to
        TB_OPERATOR_ID.
  1 DA MOC-COD-FLAG                 A    1.0 F
        Historic value of TDH-COD-FLAG
        If MOC-CORRECTION-TYPE is 'A',
        then it is the original value;
        otherwise, it is the value
        prior to modification.
  1 EI MOC-TRACE-LESION-NUMBER      P    5.0 N
```

```
FILE...: ANY-MICRO-OBS-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: MOC-MICRO-OBS-CORR-KEY-UQ


T L DB NAME                          F   LENG S DE
        Historic value of TDH-TRACE-
        LESION-NUMBER.  If MOC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.
   1 CA MOC-CORRECTION-OPERATOR-ID    P   5.0 F
        ID of operator who made corresponds-
        rection.  When appended to the
        appropriate facility code, a
        foreign key to TB_OPERATOR_ID.
   1 CB MOC-CORRECTION-REASON         A   2.0 F
        The correction reason.  A for-
        eign key to TBCORRREASON.
   1 CC MOC-CORRECTION-NOTE           A  79.0 N
        Free text entered by correc-
        operator describing the
        correction (optional).
   1 CD MOC-CORRECTION-TYPE           A   1.0 F
        Type of correction, A for add,
        C for change, D for delete.
   1 BB MOC-MICRO-OBS-CORR-KEY-LINK-UQ A 42.0 N UQ
        If MOC-CORRECTION-TYPE is 'C'
        and either TDH-ORGAN-OBSERVA-
        TION-ID-DE or TDH-MICRO-OBS-
        SEQUENCE was changed, then the
        value is built by concatenat-
        ing the prior values of TDH-
        ORGAN-OBSERVATION-ID-DE and
        TDH-MICRO-OBS-SEQUENCE from
        TD-ORGAN-DATA, and CORRECTION-
        DATE and CORRECTION-TIME from
        ANY-MICRO-OBS-TRANSACTION.
        Foreign key to ANY-MICRO-OBS-
        CORRECTION itself.
```

ANY-MICRO-ORGAN-CORRECTION

Logical view for tissue status observation audit changes. Master file is TD-ORGAN. Not used for retrieval by any TDMS component.

```
FILE...: ANY-MICRO-ORGAN-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: AMC-MICRO-ORG-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AM AMC-MICRO-ORG-CORR-KEY-UQ    A   32.0 N UQ
        Composite field formed at Up-
        date by concatenating the val-
        ue of TDO-EXP-TST-ANUM-ORG-
        PATHT-UQ after the transaction
        has been applied, and CORREC-
        TION-DATE and CORRECTION-TIME
        from the transaction.  The
        first 22 characters form a
        foreign key to TD-ORGAN.
  1 ED AMC-ORGAN-STATUS-DATE        P    5.0 N
        Historic value of TDO-ORGAN-
        STATUS-DATE.  If AMC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.
  1 EE AMC-ORGAN-STATUS-TIME        P    5.0 N
        Historic value of TDO-ORGAN-
        STATUS-TIME.  If AMC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.
  1 EF AMC-ORGAN-STATUS-OPERATOR-ID P    5.0 N
        Historic value of TDO-ORGAN-
        STATUS-OPERATOR-ID.  If AMC-
        CORRECTION-TYPE is 'A', then
        it is the original value; oth-
        erwise, it is the value prior
        to modification.  When append-
        ed to the appropriate facility
        code, a foreign key to
        TB_OPERATOR_ID.
```

```
FILE...: ANY-MICRO-ORGAN-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: AMC-MICRO-ORG-CORR-KEY-UQ
```

```
T L DB NAME                            F   LENG S DE

  1 EG AMC-ORGAN-STATUS                P    5.0 N
        Historic value of TDO-ORGAN-
        STATUS.  If AMC-CORRECTION-
        TYPE is 'A', then it is the
        original value; otherwise, it
        is the value prior to modifi-
        cation.  Foreign key to
        TBORGSTA.
  1 EH AMC-ORGAN-STAT-PATHOLOGIST-ID   P    5.0 N
        Historic value of TDO-ORGAN-
        STAT-PATHOLOGIST-ID.  If AMC-
        CORRECTION-TYPE is 'A', then
        it is the original value; oth-
        erwise, it is the value prior
        to modification.  When append-
        ed to the appropriate facility
        code, a foreign key to
        TB_OPERATOR_ID.
  1 CA AMC-CORRECTION-OPERATOR-ID      P    5.0 F
        ID of operator who made corresponds-
        rection.  When appended to the
        appropriate facility code, a
        foreign key to TB_OPERATOR_ID.
  1 CB AMC-CORRECTION-REASON           A    2.0 F
        The correction reason.  For-
        eign key to TBCORRREASON.
  1 CC AMC-CORRECTION-NOTE             A   79.0 N
        Free text entered by correc-
        operator describing the
        correction (optional).
  1 CD AMC-CORRECTION-TYPE             A    1.0 F
        Type of correction, A for add,
        C for change, D for delete.
  1 AN AMC-MICRO-ORG-CORR-KEY-LINK-UQ  A   32.0 N UQ
        No value is possible.
```

Data Dictionary: TDMS   **326**   **TS-1005-2.2**

BOTTLE-WEIGHT-CORRECTION
Logical view of bottle weight corrections. Master table is TD-CAGE-DATA. Used by EIS Report 22.

```
FILE...: BOTTLE-WEIGHT-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: BWC-BOTTLE-WGT-CORR-KEY-UQ


T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 AO BWC-BOTTLE-WGT-CORR-KEY-UQ   A   31.0 N UQ
         Composite field formed at Up-
         date by concatenating the val-
         ues of TDG-EXP-TEST-CAGE-DATE-
         DE and TDG-WATER-TIME after
         the transaction has been ap-
         plied, and CORRECTION-DATE and
         CORRECTION-TIME from the
         transaction.  The first 16
         characters form a foreign key
         to TD-CAGE-DATA.
  1 CA BWC-BOTTLE-OPERATOR-ID       P    5.0 F
         Historic value of TDG-WATER-
         OPERATOR-ID.  If BWC-CORREC-
         TION-OPERATOR-ID is 'A', then
         it is the original value; oth-
         erwise, it is the value prior
         to modification.  When append-
         ed to the appropriate facility
         code, a foreign key to
         TB_OPERATOR_ID.
  1 DA BWC-MANUAL-ENTRY-FLAG-OLD-BOTT  A   1.0 F
         Historic value of TDG-MANUAL-
         ENTRY-FLAG-OLD-BOTT.  If BWC-
         CORRECTION-TYPE is 'A', then
         it is the original value; oth-
         erwise, it is the value prior
         to modification.
  1 EL BWC-OLD-BOTTLE-WEIGHT        P   11.0 N
         Historic value of TDG-OLD-
         BOTTLE-WEIGHT.  If BWC-CORREC-
         TION-TYPE is 'A', then it is
         the original value; otherwise,
         it is the value prior to modi-
```

FILE...: BOTTLE-WEIGHT-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: BWC-BOTTLE-WGT-CORR-KEY-UQ


```
T L DB NAME                      F   LENG S DE

      fication.
  1 ED BWC-OLD-BOTTLE-STATUS      P    5.0 N
      Historic value of TDG-OLD-
      BOTTLE-STATUS.  If BWC-CORREC-
      TION-TYPE is 'A', then it is
      the original value; otherwise,
      it is the value prior to modi-
      fication.  Foreign key to
      TBWGTSTATUS.
  1 DB BWC-MANUAL-ENTRY-FLAG-NEW-BOTT  A   1.0 F
      Historic value of TDG-MANUAL-
      ENTRY-FLAG-NEW-BOTT.  If BWC-
      CORRECTION-TYPE is 'A', then
      it is the original value; oth-
      erwise, it is the value prior
      to modification.
  1 EM BWC-NEW-BOTTLE-WEIGHT      P   11.0 N
      Historic value of TDG-NEW-
      BOTTLE-WEIGHT.  If BWC-CORREC-
      TION-TYPE is 'A', then it is
      the original value; otherwise,
      it is the value prior to modi-
      fication.
  1 EE BWC-CORRECTION-OPERATOR-ID  P   5.0 N
      ID of operator who made corresponds-
      rection.  When appended to the
      appropriate facility code, a
      foreign key to TB_OPERATOR_ID.
  1 CB BWC-CORRECTION-REASON      A    2.0 F
      The correction reason.  A for-
      eign key to TBCORRREASON.
  1 CC BWC-CORRECTION-NOTE        A   79.0 N
      Free text entered by correc-
      operator describing the
      correction (optional).
  1 CD BWC-CORRECTION-TYPE        A    1.0 F
      Type of correction, A for add,
```

FILE...: BOTTLE-WEIGHT-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: BWC-BOTTLE-WGT-CORR-KEY-UQ

```
T L DB NAME                          F   LENG S DE
       C for change, D for delete.
  1 AP BWC-BOTTLE-WGT-CORR-KEY-LINK-UQ  A   31.0 N UQ
       If BWC-CORRECTION-TYPE is 'C'
       and either TDG-EXP-TEST-CAGE-
       DATE-DE or TDG-WATER-TIME
       was changed, then the value is
       built by concatenating the
       prior values of TDG-EXP-TEST-
       CAGE-DATE-DE and TDG-WATER-
       TIME from TD-CAGE-DATA, and
       CORRECTION-DATE and CORREC-
       TION-TIME from BOTTLE-WEIGHT-
       TRANSACTION.  The first 16
       characters form a foreign key
       to TD-CAGE-DATA.
```

CAGE-ID-CORRECTION

Logical view of cage ID corrections. Master table is TD-CAGE. Used by EIS Report 22.

```
FILE...: CAGE-ID-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: CIC-CAGE-ID-CORR-KEY-UQ


T L DB NAME                         F   LENG S DE
- - -- -- - - --
  1 AQ CIC-CAGE-ID-CORR-KEY-UQ      A   21.0 N UQ
        Composite field formed at Up-
        date by concatenating the val-
        ue of TDC-EXP-TEST-CAGE-UQ af-
        ter the transaction has been
        applied, and CORRECTION-DATE
        and CORRECTION-TIME from the
        transaction. The first 11
        characters form a foreign key
        to TD-CAGE.
  1 ED CIC-CAGE-OPERATOR-ID         P   5.0 N
        Historic value of TDC-CAGE-
        OPERATOR-ID.  If CIC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.  When appended to
        the appropriate facility code,
        a foreign key to TB_OPERATOR_-
        ID.
  1 EE CIC-CAGE-DATE                P   5.0 N
        Historic value of TDC-CAGE-
        DATE.  If CIC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 EF CIC-CAGE-TIME                P   5.0 N
        Historic value of TDC-CAGE-
        TIME.  If CIC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
```

FILE...: CAGE-ID-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: CIC-CAGE-ID-CORR-KEY-UQ

T L DB NAME   F   LENG S DE

  1 EA CIC-TREATMENT-NUMBER   P   3.0 N
      Historic value of TDC-TREAT-
      MENT-NUMBER. If CIC-CORREC-
      TION-TYPE is 'A', then it is
      the original value; otherwise,
      it is the value prior to modi-
      fication. When appended to
      the test number, a foreign
      key to PAS_TREATMNT_SEG.
  1 EG CIC-PROCEDURE-ACTION-SET-NUM P   5.0 N
      Historic value of TDC-PROCE-
      DURE-ACTION-SET-NUM. If CIC-
      CORRECTION-TYPE is 'A', then
      it is the original value; oth-
      erwise, it is the value prior
      to modification. When append-
      ed to the test number, a for-
      eign key to PAS_PROCEDUR_SEG.
  1 EH CIC-START-DATE   P   5.0 N
      Historic value of TDC-START-
      DATE. If CIC-CORRECTION-TYPE
      is 'A', then it is the origi-
      nal value; otherwise, it is
      the value prior to modifica-
      tion.
  1 EI CIC-AREA-NUMBER   P   5.0 N
      Historic value of TDC-AREA-
      NUMBER.   If CIC-CORRECTION-
      TYPE is 'A', then it is the
      original value; otherwise, it
      is the value prior to modifi-
      cation.
  1 EJ CIC-CORRECTION-OPERATOR-ID   P   5.0 N
      The ID of the operator who
      made the correction. When
      appended to the appropriate
      facility code, a foreign key

FILE...: CAGE-ID-CORRECTION

TYPE...: USER VIEW

FILE-NR: 87

PRIMARY SEQUENCE FIELD: CIC-CAGE-ID-CORR-KEY-UQ

```
T L DB NAME                          F   LENG S DE
        to TB_OPERATOR_ID.
  1 DD CIC-CORRECTION-REASON         A    2.0 N
        The correction reason.  A for-
        eign key to TBCORRREASON.
  1 DH CIC-CORRECTION-NOTE           A   79.0 N
        Free text entered by correc-
        operator describing the
        correction (optional).
  1 DA CIC-CORRECTION-TYPE           A    1.0 F
        Type of correction, A for add,
        C for change, D for delete.
  1 AR CIC-CAGE-ID-CORR-KEY-LINK-UQ  A   21.0 N UQ
        No possible value.
```

CAGE-NOTE-CORRECTION

Logical view of cage note corrections. Master file is TD-CAGE-DATA.
Used by EIS Report 22.

```
FILE...: CAGE-NOTE-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: CNC-CAGE-NOTE-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AS CNC-CAGE-NOTE-CORR-KEY-UQ    A   31.0 N UQ
     Composite field formed at Up-
     date by concatenating the val-
     ue of TDG-EXP-TEST-CAGE-DATE-
     DE and TDG-NOTE-TIME after the
     transaction is applied, and
     CORRECTION-DATE and CORREC-
     TION-TIME from the transac-
     tion.  The first 16 characters
     form a foreign key to TD-CAGE-
     DATA.
  1 ED CNC-NOTE-OPERATOR-ID         P    5.0 N
     Historic value of TDC-NOTE-
     OPERATOR-ID.  If CNC-CORREC-
     TION-TYPE is 'A', then it is
     the original value; otherwise,
     it is the value prior to modi-
     fication.  When appended to
     the appropriate facility code,
     a foreign key to TB_OPERATOR_-
     ID.
M 1 DI CNC-CAGE-NOTE                A   80.0 N
     Historic value of TDC-CAGE-
     NOTE.  If CNC-CORRECTION-TYPE
     is 'A', then it is the origi-
     nal value; otherwise, it is
     the value prior to modifica-
     tion.
  1 DA CNC-CAGE-NOTE-MANUAL-FLAG    A    1.0 F
     Historic value of TDG-CAGE-
     NOTE-MANUAL-FLAG.  If CNC-COR-
     RECTION-TYPE is 'C', then it
     is the original value; other-
     wise, it is the value prior to
```

FILE...: CAGE-NOTE-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: CNC-CAGE-NOTE-CORR-KEY-UQ

```
T L DB NAME                         F   LENG S DE

       modification.
  1 CA CNC-CORRECTION-OPERATOR-ID    P    5.0 F
       ID of operator who made corresponds-
       rection.  When appended to the
       appropriate facility code, a
       foreign key to TB_OPERATOR_ID.
  1 CB CNC-CORRECTION-REASON         A    2.0 F
       The correction reason.  A for-
       eign key to TBCORRREASON.
  1 CC CNC-CORRECTION-NOTE           A   79.0 N
       Free text entered by correc-
       operator describing the
       correction (optional).
  1 CD CNC-CORRECTION-TYPE           A    1.0 F
       Type of correction, A for add,
       C for change, D for delete.
  1 AT CNC-CAGE-NOTE-CORR-KEY-LINK-UQ A  31.0 N UQ
       If CNC-CORRECTION-TYPE is 'C'
       and either TDG-EXP-TEST-CAGE-
       DATE-DE or TDG-NOTE-TIME
       was changed, then the value is
       built by concatenating the
       prior values of TDG-EXP-TEST-
       CAGE-DATE-DE and TDG-NOTE-
       TIME from TD-CAGE-DATA, and
       CORRECTION-DATE and CORREC-
       TION-TIME from CAGE-NOTE-
       TRANSACTION.  A foreign key
       to CAGE-NOTE-CORRECTION it-
       self.
```

FEEDER-WEIGHT-CORRECTION

Logical view of feeder weight corrections. Master file is TD-CAGE-
DATA. Used by EIS Report 22.

```
FILE...: FEEDER-WEIGHT-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: FWC-FEEDER-WGT-CORR-KEY-UQ
```

```
T L DB NAME                          F   LENG S DE
- - -- -- - - --
  1 AU FWC-FEEDER-WGT-CORR-KEY-UQ     A   31.0 N UQ
        Composite field formed at Up-
        date by concatenating the val-
        ues of TDG-EXP-TEST-CAGE-DATE-
        DE and TDG-FEEDER-TIME after
        the transaction is applied,
        and CORRECTION-DATE and COR-
        RECTION-TIME from the trans-
        action.  First 16 characters
        form a foreign key to TD-CAGE-
        DATA.
  1 ED FWC-FEEDER-OPERATOR-ID         P    5.0 N
        Historic value of TDG-FEEDER-
        OPERATOR-ID.  If FWC-CORREC-
        TION-OPERATOR-ID is 'A', then
        it is the original value; oth-
        erwise, it is the value prior
        to modification.  When append-
        ed to the appropriate facility
        code, a foreign key to
        TB_OPERATOR_ID.
  1 DA FWC-MANUAL-ENTRY-FLAG-OLD-FEED A    1.0 F
        Historic value of TDG-MANUAL-
        ENTRY-FLAG-OLD-FEED.  If FWC-
        CORRECTION-TYPE is 'A', then
        it is the original value; oth-
        erwise, it is the value prior
        to modification.
  1 EL FWC-OLD-FEEDER-WEIGHT          P   11.0 N
        Historic value of TDG-OLD-
        FEEDER-WEIGHT.  If FWC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
```

FILE...: FEEDER-WEIGHT-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: FWC-FEEDER-WGT-CORR-KEY-UQ


```
T L DB NAME                         F   LENG S DE

      fication.
  1 EE FWC-OLD-FEEDER-STATUS         P    5.0 N
      Historic value of TDG-OLD-
      FEEDER-STATUS.  If FWC-CORREC-
      TION-TYPE is 'A', then it is
      the original value; otherwise,
      it is the value prior to modi-
      fication.  A foreign key to
      TBWGTSTATUS.
  1 DB FWC-MANUAL-ENTRY-FLAG-NEW-FEED A   1.0 F
      Historic value of TDG-MANUAL-
      ENTRY-FLAG-NEW-FEED.  If FWC-
      CORRECTION-TYPE is 'A', then
      it is the original value; oth-
      erwise, it is the value prior
      to modification.
  1 EM FWC-NEW-FEEDER-WEIGHT         P   11.0 N
      Historic value of TDG-NEW-
      FEEDER-WEIGHT.  If FWC-CORREC-
      TION-TYPE is 'A', then it is
      the original value; otherwise,
      it is the value prior to modi-
      fication.
  1 CA FWC-CORRECTION-OPERATOR-ID    P    5.0 F
      ID of operator who made corresponds-
      rection.  When appended to the
      appropriate facility code, a
      foreign key to TB_OPERATOR_ID.
  1 CB FWC-CORRECTION-REASON         A    2.0 F
      The correction reason.  A for-
      eign key to TBCORRREASON.
  1 CC FWC-CORRECTION-NOTE           A   79.0 N
      Free text entered by correc-
      operator describing the
      correction (optional).
  1 CD FWC-CORRECTION-TYPE           A    1.0 F
      Type of correction, A for add,
```

FILE...: FEEDER-WEIGHT-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: FWC-FEEDER-WGT-CORR-KEY-UQ

```
T L DB NAME                          F   LENG S DE
        C for change, D for delete.
  1 AV FWC-FEEDER-WGT-CORR-KEY-LINK-UQ  A   31.0 N UQ
        If FWC-CORRECTION-TYPE is 'C'
        and either TDG-EXP-TEST-CAGE-
        DATE-DE or TDG-FEEDER-TIME
        was changed, then the value is
        built by concatenating the
        prior values of TDG-EXP-TEST-
        CAGE-DATE-DE and TDG-FEEDER-
        TIME from TD-CAGE-DATA, and
        CORRECTION-DATE and CORREC-
        TION-TIME from FEEDER-WEIGHT-
        TRANSACTION.  A foreign key
        to FEEDER-WEIGHT-CORRECTION
        itself.
```

HISTOLOGY-NUMBER-CORRECTION

Logical view of histology number audit changes. Master file is TD-ANIMAL. Not used for retrieval by any TDMS component.

```
FILE...: HISTOLOGY-NUMBER-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: HIC-HISTOLOGY-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AW HIC-HISTOLOGY-CORR-KEY-UQ    A   26.0 N UQ
        Composite field formed at Up-
        date by concatenating the val-
        ues of TDA-EXP-TEST-ANIMAL-UQ,
        CORRECTION-DATE and CORREC-
        TION-TIME from the transac-
        tion. The first 16 characters
        are a foreign key to TD-ANI-
        MAL.
  1 ED HIC-PATHOLOGIST-IDENTIFICATION  P   5.0 N
        Historic value of TDA-PATHO-
        LOGIST-IDENTIFICATION.  If
        HIC-CORRECTION-TYPE is 'A',
        then it is the original value;
        otherwise, it is the value
        prior to modification.
  1 EE HIC-HISTOLOGY-NUMBER-DATE    P   5.0 N
        Historic value of TDA-HISTOLO-
        GY-NUMBER-DATE.  If HIC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise, it is the value prior to
        modification.
  1 EF HIC-HISTOLOGY-NUMBER-TIME    P   5.0 N
        Historic value of TDA-HISTOLO-
        GY-NUMBER-TIME.  If HIC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise, it is the value prior to
        modification.
  1 EG HIC-HISTOLOGY-NUM-OPERATOR-ID  P   5.0 N
        Historic value of TDA-HISTOLO-
        BY-NUM-OPERATOR-ID.  If HIC-
        CORRECTION-TYPE is 'A', then
```

FILE...: HISTOLOGY-NUMBER-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: HIC-HISTOLOGY-CORR-KEY-UQ

```
T L DB NAME                      F   LENG S DE

      it is the original value; oth-
      erwise, it is the value prior
      to modification.  When append-
      ed to the appropriate facility
      code, a foreign key to
      TB_OPERATOR_ID.
  1 DF HIC-HISTOLOGY-NUMBER       A   16.0 N
      Historic value of TDA-HISTOLO-
      GY-NUMBER.  If HIC-CORRECTION-
      TYPE is 'A', then it is the
      original value; otherwise, it
      is the value prior to modifi-
      cation.
  1 EH HIC-CORRECTION-OPERATOR-ID P    5.0 N
      ID of operator who corresponds-
      rection.  When appended to the
      appropriate facility code, a
      foreign key to TB_OPERATOR_ID.
  1 DD HIC-CORRECTION-REASON      A    2.0 N
      The correction reason.  A for-
      eign key to TBCORRREASON.
  1 DH HIC-CORRECTION-NOTE        A   79.0 N
      Free text entered by correc-
      operator describing the
      correction (optional).
  1 DA HIC-CORRECTION-TYPE        A    1.0 F
      Type of correction, A for add,
      C for change, D for delete.
  1 AX HIC-HISTOLOGY-CORR-KEY-LINK-UQ  A   26.0 N UQ
      No value is possible.
```

MICRO-SITE-STATUS-CORRECTION

Logical view of accountable site status observation corrections. Master file is TD-ORGAN. Not used for retrieval by any TDMS component.

```
FILE...: MICRO-SITE-STATUS-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: SSC-MICRO-SITE-CORR-KEY-UQ
```

```
T L DB NAME                       F   LENG S DE
- - -- -- - - --
  1 BC SSC-MICRO-SITE-CORR-KEY-UQ  A   42.0 N UQ
      Composite field formed at Up-
      date by concatenating the val-
      ue of TDO-EXP-TST-ANUM-ORG-
      PATHT-UQ, the values of TDO-
      SITE-STATUS-DATE and TDO-SITE-
      STATUS-TIME after the trans-
      action is applied, and CORREC-
      TION-DATE and CORRECTION-TIME
      from the transaction.  The
      first 22 characters form a
      foreign key to TD-ORGAN.
  1 ED SSC-SITE-STATUS-PATHOLOGIST-ID  P   5.0 N
      Historic value of TDO-SITE-
      STATUS-PATHOLOGIST-ID.  If
      SSC-CORRECTION-TYPE is 'A',
      then it is the original value;
      otherwise, it is the value
      prior to modification.  When
      appended to the appropriate
      facility code, a foreign key
      to TB_OPERATOR_ID.
  1 EE SSC-SITE-STATUS-OPERATOR-ID  P   5.0 N
      Historic value of TDO-SITE-
      STATUS-OPERATOR-ID.  If SSC-
      CORRECTION-TYPE is 'A', then
      it is the original value; oth-
      erwise, it is the value prior
      to modification.  When append-
      ed to the appropriate facility
      code, a foreign key to
      TB_OPERATOR_ID.
  1 EF SSC-SITE-CODE               P   5.0 N
      Historic value of TDO-SITE-
```

FILE...: MICRO-SITE-STATUS-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: SSC-MICRO-SITE-CORR-KEY-UQ


```
T L DB NAME                          F   LENG S DE

      CODE.  If SSC-CORRECTION-TYPE
      is 'A', then it is the origi-
      nal value; otherwise, it is
      the value prior to modifica-
      tion.  A foreign key to TBPCT.
  1 EG SSC-SITE-STATUS               P   5.0 N
      Historic value of TDO-SITE-
      STATUS.  If SSC-CORRECTION-
      TYPE is 'A', then it is the
      original value; otherwise, it
      is the value prior to modifi-
      cation.  A foreign key to
      TBORGSTA.
  1 CA SSC-CORRECTION-OPERATOR-ID    P   5.0 F
      ID of operator who corresponds-
      rection.  When appended to the
      appropriate facility code, a
      foreign key to TB_OPERATOR_ID.
  1 CB SSC-CORRECTION-REASON         A   2.0 F
      The correction reason.  A for-
      eign key to TBCORRREASON.
  1 CC SSC-CORRECTION-NOTE           A  79.0 N
      Free text entered by correc-
      operator describing the
      correction (optional).
  1 CD SSC-CORRECTION-TYPE           A   1.0 F
      Type of correction, A for add,
      C for change, D for delete.
  1 BD SSC-MICRO-SITE-CORR-KEY-LINK-UQ  A  42.0 N UQ
      If SSC-CORRECTION-TYPE is 'C'
      and either TDO-SITE-STATUS-
      DATE or TDO-SITE-STATUS-TIME
      was changed, then the value is
      built by concatenating the
      prior values of TDO-EXP-TST-
      ANUM-ORG-PATHT-UQ, TDO-SITE-
      STATUS-DATE, and TDO-SITE-
```

FILE...: MICRO-SITE-STATUS-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: SSC-MICRO-SITE-CORR-KEY-UQ

```
T L DB NAME                        F    LENG S DE
        STATUS-TIME from TD-ORGAN, and
        CORRECTION-DATE and CORREC-
        TION-TIME from MICRO-SITE-
        STATUS-TRANSACTION.  A for-
        eign key to MICRO-SITE-STATUS-
        CORRECTION itself.
```

NOT-EXAMINED-CORRECTION
Logical view of not examined audit changes. Master file is TD-ANIMAL. Not used for retrieval by any TDMS component.

```
FILE...: NOT-EXAMINED-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: NEC-NO-EXAM-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 FJ NEC-NO-EXAM-CORR-KEY-UQ      A   26.0 N UQ
        Composite field formed at Up-
        date by concatenating the val-
        ue of TDA-EXP-TEST-ANIMAL-UQ
        with CORRECTION-DATE and COR-
        RECTION-TIME from the trans-
        action.  The first 16 charac-
        ters form a foreign key to
        TD-ANIMAL.
  1 ED NEC-NO-EXAM-DATE             P    5.0 N
        Historic value of TDA-NO-EXAM-
        DATE.  If NEC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 EE NEC-NO-EXAM-TIME             P    5.0 N
        Historic value of TDA-NO-EXAM-
        TIME.  If NEC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 EF NEC-NO-EXAM-OPERATOR-ID      P    5.0 N
        Historic value of TDA-NO-EXAM-
        OPERATOR-ID.  If NEC-CORREC-
        TION-TYPE is 'A', then it is
        the original value; otherwise,
        it is the value prior to modi-
        fication.  When appended to
        the appropriate facility code,
        a foreign key to TB_OPERATOR-
        _ID.
  1 EG NEC-NO-EXAM-PATH-ID          P    5.0 N
```

FILE...: NOT-EXAMINED-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: NEC-NO-EXAM-CORR-KEY-UQ

```
T L DB NAME                        F   LENG S DE

       Historic value of TDA-NO-EXAM-
       PATHOLOGIST.  If NEC-CORREC-
       TION-TYPE is 'A', then it is
       the original value; otherwise,
       it is the value prior to modi-
       fication.  When appended to
       the appropriate facility code,
       a foreign key to TB_OPERATOR-
       _ID.
  1 CA NEC-CORRECTION-OPERATOR-ID   P   5.0 F
       ID of operator who made corresponds-
       rection.  When appended to the
       appropriate facility code, a
       foreign key to TB_OPERATOR_ID.
  1 CB NEC-CORRECTION-REASON        A   2.0 F
       The correction reason.  A for-
       eign key to TBCORRREASON.
  1 CC NEC-CORRECTION-NOTE          A  79.0 N
       Free text entered by correc-
       operator describing the
       correction (optional).
  1 CD NEC-CORRECTION-TYPE          A   1.0 F
       Type of correction, A for add,
       C for change, D for delete.
  1 FK NEC-NO-EXAM-CORR-KEY-LINK-UQ A  26.0 N UQ
       No value is possible.
```

ORGAN-NOTES-CORRECTION
Logical view of organ note audit changes. Master file is TD-ORGAN-DATA. Not used for retrieval by any TDMS component.

```
FILE...: ORGAN-NOTES-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ONC-ORGAN-NOTE-CORR-KEY-UQ
```

```
T L DB NAME                         F   LENG S DE
- - --  -- - - --
  1 BE ONC-ORGAN-NOTE-CORR-KEY-UQ   A   42.0 N UQ
       Composite field formed at Up-
       date by concatenating the val-
       ues of TDH-ORGAN-OBSERVATION-
       ID-DE and TDH-ORGAN-NOTE-SE-
       QUENCE after the transaction
       is applied, and CORRECTION-
       DATE and CORRECTION-TIME from
       the transaction.  The first
       27 characters form a foreign
       key to TD-ORGAN-DATA.
  1 ED ONC-ORGAN-NOTE-OPERATOR-ID   P   5.0 N
       Historic value of TDH-ORGAN-
       NOTE-OPERATOR-ID.  If ONC-COR-
       RECTION-TYPE is 'A', then it
       is the original value; other-
       wise, it is the value prior to
       modification.  When appended
       to the appropriate facility
       code, a foreign key to
       TB_OPERATOR_ID.
M 1 DI ONC-ORGAN-NOTE               A   80.0 N
       Historic value of TDH-ORGAN-
       NOTE.  If ONC-CORRECTION-TYPE
       is 'A', then it is the origi-
       nal value; otherwise, it is
       the value prior to modifica-
       tion.
  1 EE ONC-ORGAN-NOTE-PATHOLOGIST-ID P  5.0 N
       Historic value of TDH-ORGAN-
       NOTE-PATHOLOGIST-ID.  If ONC-
       CORRECTION-TYPE is 'A', then
       it is the original value; oth-
       erwise, it is the value prior
```

FILE...: ORGAN-NOTES-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: ONC-ORGAN-NOTE-CORR-KEY-UQ

```
T L DB NAME                        F   LENG S DE

       to modification.  When append-
       ed to the appropriate facility
       code, a foreign key to
       TB_OPERATOR_ID.
  1 CA ONC-CORRECTION-OPERATOR-ID   P    5.0 F
       ID of operator who made corresponds-
       rection.  When appended to the
       appropriate facility code, a
       foreign key to TB_OPERATOR_ID.
  1 CB ONC-CORRECTION-REASON        A    2.0 F
       The correction reason.  A for-
       eign key to TBCORRREASON.
  1 CC ONC-CORRECTION-NOTE          A   79.0 N
       Free text entered by correc-
       operator describing the
       correction (optional).
  1 CD ONC-CORRECTION-TYPE          A    1.0 F
       Type of correction, A for add,
       C for change, D for delete.
  1 BF ONC-ORGAN-NOTE-CORR-KEY-LINK-UQ  A   42.0 N UQ
       If ONC-CORRECTION-TYPE is 'C'
       and either TDH-ORGAN-OBSERVA-
       TION-ID-DE or TDH-ORGAN-NOTE-
       SEQUENCE was changed, then the
       value is built by concatenat-
       ing the prior values of TDH-
       ORGAN-OBSERVATION-ID-DE and
       TDH-ORGAN-NOTE-SEQUENCE from
       TD-ORGAN-DATA, and CORRECTION-
       DATE and CORRECTION-TIME from
ORGAN-NOTE-TRANSACTION.  A
       foreign key to ORGAN-NOTES-
       CORRECTION itself.
```

TEST-NOTE-CORRECTION

Logical view for test note corrections. Master file is TD-TEST-NOTE.
Used by EIS Report 22.

```
FILE...: TEST-NOTE-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: TNC-TEST-NOTE-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 BG TNC-TEST-NOTE-CORR-KEY-UQ    A   27.0 N UQ
        Primary key for TEST-NOTE-COR-
        RECTION.  Effects a link with
        the master record in TD-TEST-
        NOTE. The following elements
        are concatenated by Update to
        form the field's value: the
        current value of TDS-EXP-TEST-
        DATE-TIME-UQ from TD-TEST-
        NOTE, and CORRECTION-DATE and
        CORRECTION-TIME from TEST-
        NOTE-TRANSACTION.
  1 ED TNC-TEST-OPERATOR-ID         P    5.0 N
        Historic value of TDS-OPER-
        NUM. If TNC-CORRECTION-TYPE is
        'A', then it is the original
        value; otherwise, it is the
        value prior to modification.
  1 DJ TNC-TEST-NOTE                A  160.0 N
        Historic value of TDS-NOTE-
        TEXT. If TNC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 CA TNC-CORRECTION-OPERATOR-ID   P    5.0 F
        ID of operator who made corresponds-
        rection.
  1 CB TNC-CORRECTION-REASON        A    2.0 F
        The correction reason (TBCORR-
        REASON) code assigned to the
        correction.
  1 CC TNC-CORRECTION-NOTE          A   79.0 N
        Free text entered by correc-
```

FILE...: TEST-NOTE-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: TNC-TEST-NOTE-CORR-KEY-UQ


```
T L DB NAME                          F   LENG S DE

      operator describing the
      correction (optional).
  1 CD TNC-CORRECTION-TYPE           A    1.0 F
      Type of correction, A for add,
      C for change, D for delete.
  1 BH TNC-TEST-NOTE-CORR-KEY-LINK-UQ  A  27.0 N UQ
      If TNC-CORRECTION-TYPE is 'C'
      and TDS-EXP-TEST-DATE-TIME-UQ
      was changed, then the value is
      built by concatenating the
      prior value of TDS-EXP-TEST-
      DATE-TIME-UQ from TD-TEST-
      NOTE, and CORRECTION-DATE and
      CORRECTION-TIME from TEST-
      NOTE-TRANSACTION.  This ef-
      fects a link with previous
      corrections of the same master
      record.
```

TREAT-NOTE-CORRECTION

Logical view of treatment note corrections. Master file is TD-
TREATMENT-NOTE. Used by EIS Report 22.

```
FILE...: TREAT-NOTE-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87RR-KEY-UQ
PRIMARY SEQUENCE FIELD: TGC-TREAT-NOTE-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 BI TGC-TREAT-NOTE-CORR-KEY-UQ   A   30.0 N UQ
        Primary key for TREAT-NOTE-
        CORRECTION.  Effects a link
        with the master record in TD-
        TREAT-NOTE. The following ele-
        ments are concatenated by Up-
        date to form the field's val-
        ue: the current value of TDT-
        EXP-TRT-DATE-TIME-UQ from TD-
        TREAT-NOTE, and CORRECTION-
        DATE and CORRECTION-TIME from
        TREAT-NOTE-TRANSACTION.
  1 ED TGC-TREAT-OPERATOR-ID        P    5.0 N
        Historic value of TDT-OPER-
        NUM. If TGC-CORRECTION-TYPE is
        'A', then it is the original
        value; otherwise, it is the
        value prior to modification.
  1 DJ TGC-TREAT-NOTE               A  160.0 N
        Historic value of TDT-NOTE-
        TEXT. If TGC-CORRECTION-TYPE
        is 'A', then it is the origi-
        nal value; otherwise, it is
        the value prior to modifica-
        tion.
  1 CA TGC-CORRECTION-OPERATOR-ID   P    5.0 F
        ID of operator who made corresponds-
        rection.
  1 CB TGC-CORRECTION-REASON        A    2.0 F
        The correction reason (TBCORR-
        REASON) code assigned to the
        correction.
  1 CC TGC-CORRECTION-NOTE          A   79.0 N
        Free text entered by correc-
```

FILE...: TREAT-NOTE-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87RR-KEY-UQ
PRIMARY SEQUENCE FIELD: TGC-TREAT-NOTE-CORR-KEY-UQ

```
T L DB NAME                        F   LENG S DE

      operator describing the
      correction (optional).
  1 CD TGC-CORRECTION-TYPE          A    1.0 F
      Type of correction, A for add,
      C for change, D for delete.
  1 BJ TGC-TREAT-NOTE-CORR-KEY-LINK-UQ  A   30.0 N UQ
      If TGC-CORRECTION-TYPE is 'C'
      and TDT-EXP-TEST-TRT-DATE-
      TIME-UQ was changed, then the
      value is built by concatenat-
      ing the prior value of TDT-
      EXP-TEST-TRT-DATE-TIME-UQ from
      TD-TREAT-NOTE, and CORRECTION-
      DATE and CORRECTION-TIME from
      TREAT-NOTE-TRANSACTION.  This
      effects a link with previous
      corrections of the same master
      record.
```

UNCERTAIN-CORRECTION

> Logical view of uncertain cause-of-death audit changes. Master table is
> TD-ANIMAL. Not used for retrieval by any TDMS component.

```
FILE...: UNCERTAIN-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: UCC-UNCERTAIN-CORR-KEY-UQ
```

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 FH UCC-UNCERTAIN-CORR-KEY-UQ    A   26.0 N UQ
        Primary key for UNCERTAIN-COR-
        RECTION.  Effects a link with
        the master record in TD-ANI-
        MAL.  The following elements
        are concatenated by Update to
        form the field's value: the
        current value of TDA-EXP-TEST-
        ANIMAL-DATE-UQ from TD-ANIMAL,
        and CORRECTION-DATE and COR-
        RECTION-TIME from UNCERTAIN-
        TRANSACTION.
  1 ED UCC-UNCERTAIN-DATE           P    5.0 N
        Historic value of TDA-UNCER-
        TAIN-DATE.  If UCC-CORRECTION-
        TYPE is 'A', then it is the
        original value; otherwise, it
        is the value prior to modifi-
        cation.
  1 EE UCC-UNCERTAIN-TIME           P    5.0 N
        Historic value of TDA-UNCER-
        TAIN-DATE.  If UCC-CORRECTION-
        TYPE is 'A', then it is the
        original value; otherwise, it
        is the value prior to modifi-
        cation.
  1 EF UCC-UNCERTAIN-OPERATOR-ID    P    5.0 N
        Historic value of TDA-UNCER-
        TAIN-OPERATOR-ID.  If UCC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise, it is the value prior to
        modification.
  1 EG UCC-UNCERTAIN-PATH-ID        P    5.0 N
```

FILE...: UNCERTAIN-CORRECTION
TYPE...: USER VIEW
FILE-NR: 87
PRIMARY SEQUENCE FIELD: UCC-UNCERTAIN-CORR-KEY-UQ

```
T L DB NAME                        F   LENG S DE

        Historic value of TDA-UNCER-
        TAIN-PATHOLOGIST.  If UCC-COR-
        RECTION-TYPE is 'A', then it
        is the original value; other-
        wise, it is the value prior to
        modification.
  1 CA UCC-CORRECTION-OPERATOR-ID     P    5.0 F
        ID of operator who made corresponds-
        rection.
  1 CB UCC-CORRECTION-REASON          A    2.0 F
        The correction reason (TBCORR-
        REASON) code assigned to the
        correction.
  1 CC UCC-CORRECTION-NOTE            A   79.0 N
        Free text entered by correc-
        operator describing the
        correction (optional).
  1 CD UCC-CORRECTION-TYPE            A    1.0 F
        Type of correction, A for add,
        C for change, D for delete.
  1 FI UCC-UNCERTAIN-CORR-KEY-LINK-UQ A   26.0 N UQ
        No value is possible.
```

DESTINATION_TBLE
View of valid TDMS output destinations. Used by TDMS menus to
validate output destinations on TDMS screens.

FILE...: DESTINATION_TBLE

TYPE...: USER VIEW

FILE-NR: 35

PRIMARY SEQUENCE FIELD: TABLE-DESTINATION


```
T L DB NAME                       F   LENG S DE
- - --  -- - - --
  1 AA TABLE-DEST-TYPE            A   1.0 F
       Flag indicating type of description-
       tination.  H - Lab; I - Inact-
       ive; V - VAX queue.
  1 AB TABLE-DESTINATION          A  10.0 N DE
       Valid output destination.
       (VAX queues longer than 10
       characters must be redefined
       as a logical of no more than
       10 characters.  That logical
       would be entered here, and
       would be what users enter on
       TDMS screens.)
  1 AC TABLE-FACILITY             N   5.0 N UQ
       If a lab output destination
       has been assigned a TDMS fac-
       ility code, that would be
       entered here.
```

4.5 TDMS Table & PCT Views

TABLES_DESCRIPTN

Logical layout of Tables Description table, which is used by NATURAL.

```
FILE...: TABLES_DESCRIPTN
TYPE...: USER VIEW
FILE-NR: 16
PRIMARY SEQUENCE FIELD: TABLE_NAME
```

```
T L DB NAME                       F   LENG S DE
- - -- -- - - --
G 1 MF TABLES_DESCRIPTION_FILE
  2 TN TABLE_NAME                  A    8.0 N DE
       Primary key for table.  Con-
       tains the eight-character
       view names for each TDMS tab-
       le.
  2 TB TABLE_NUM                   N    2.0 F
       The file number assigned to
       the file when loaded into
       ADABAS with ADALOD or ADAFDU.
  2 NC NUM_COLS                    N    3.0
       The number of columns defined
       in the FIELD_GROUP repeating
       group.
P 1 FG FIELD_GROUP
       Repeating group containing
       each field in table.  This
       group is position-sensitive.
       Do not reorder elements un-
       less you understand the TBGET
       retrieval mechanism.
  2 FN FIELD_NAME                  A    2.0 N
       The short field name assigned
       to the field when loaded into
       ADABAS.
  2 FL FIELD_LENGTH                N    3.0 N
       The length of the field.
```

TBACTONC

Logical layout of action table. Table lists actions that may be performed
by animal caretakers as specified in protocol procedures. Information is
downloaded to LDAS and is used in creating the procedure action
schedule.

```
FILE...: TBACTONC
TYPE...: USER VIEW
FILE-NR: 29
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 AT ACTION-TABLE
       Group embracing all fields in
       the table.
  2 AA ROW-NUMBER                N    3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED              A    8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE           A    1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                N    6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                 A    1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                 A    1.0 F
       Field's sole purpose is to
```

FILE...: TBACTONC
TYPE...: USER VIEW
FILE-NR: 29
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                      F   LENG S DE

      hold a column position due to
      TBGET retreival mechanism.
      Contains no data.
  2 GG LONG-TEXT                  A   32.0 N
      Full description of action.
  2 HH TYPE-ACTION                A    1.0 N
      Alpha code signifying to which
      test object the action per-
      tains.  A for animal; C for
      cage.
```

TBAGENCY

Logical layout of agency table. Contains a list of agencies. Table is a
legacy to TDMS. Only one entry, that for NIEHS/NTP is valid. The
code for that entry, which is '05', is build into the nine-digit test number
entered in PAS, and is hard-coded by the menu system when EIS/PEIS
reports are requested.

```
FILE...: TBAGENCY
TYPE...: USER VIEW
FILE-NR: 22
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                      F   LENG S DE
- - -- -- - - --
G 1 AT AGENCY-TABLE
       Group embracing all fields in
       the table.
  2 AA ROW-NUMBER                N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED              A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE           A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                N   6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                 A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                 A   1.0 F
```

FILE...: TBAGENCY
TYPE...: USER VIEW
FILE-NR: 22
PRIMARY SEQUENCE FIELD: CODE-VALUE

T L DB NAME   F   LENG S DE

          Field's sole purpose is to
          hold a column position due to
          TBGET retreival mechanism.
          Contains no data.
  2 GG CHARACTER-CODE   A   2.0 N
          Legacy field. Appears to be
          right-justified and padded
          form of the code value.
  2 HH LONG-TEXT   A   32.0 N
          Full description of the agency
  2 II REPORT-HEADINGS   A   50.0 N
          Legacy field. Appears to be
          a long description of the
          agency, centered within the
          field string.
  2 JJ SHORT-TEXT   A   12.0 N
          Abbreviated description of the
          agency.

TBANCLQF

Logical layout of animal class qualifier table. Animal class qualifiers are
a legacy to TDMS, with no use in its current version. The PEX
maintenance software requires an animal class qualifier, so the code for
"Not Applicable" is entered.

```
FILE...: TBANCLQF
TYPE...: USER VIEW
FILE-NR: 23
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 CT ANIMAL-CLASS-QUALIFIER-TABLE
       Group embracing all fields in
       the table.
  2 AA ROW-NUMBER                N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED              A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE           A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                N   6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                 A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                 A   1.0 F
       Field's sole purpose is to
```

FILE...: TBANCLQF
TYPE...: USER VIEW
FILE-NR: 23
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                        F   LENG S DE

      hold a column position due to
      TBGET retreival mechanism.
      Contains no data.
  2 GG LONG-TEXT                    A   32.0 N
      Full description of the animal
      class qualifier.
```

TBANMLSUPPLIER

Logical view of animal supplier table. Contains valid animal suppliers for tests. (There is a dummy record in table for tests that preceded entry of animal suppliers in test protocol. This record has a key value of 0 and text of "NOT SPECIFIED".)

```
FILE...: TBANMLSUPPLIER
TYPE...: USER VIEW
FILE-NR: 32
PRIMARY SEQUENCE FIELD: ANML-SUPPLR


T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 FA ANIMAL-SUPPLIER-TABLE
      Group embracing all fields in
      the table.
  2 FB ANML-SUPPLR                 P   5.0 F UQ
      Unique numeric code that
      identifies an animal supplier.
      (Code 0 exists on table.)
  2 FC SUPPLR-TEXT                 A  64.0 N
      Full name of animal supplier.
      Appears on EIS/PEIS report
      splash pages. .
```

TBCLOBSC

Logical layout of the clinical observation table, which contains clinical observations, in-life sites, in-life qualifiers, and removal reasons. Data from this table appears in nearly all EIS/PEIS reports in some manner or fashion.

```
FILE...: TBCLOBSC
TYPE...: USER VIEW
FILE-NR: 25
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                     F   LENG S DE
- - --  -- - - --
G 1 CT CLINICAL-OBSERVATION-TABLE
       Group embracing all fields in
       the table.
  2 AA ROW-NUMBER               N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED             A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE          A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE               N   6.0 F UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                A   1.0 F
       Field's sole purpose is to
       hold a column position due to
```

FILE...: TBCLOBSC
TYPE...: USER VIEW
FILE-NR: 25
PRIMARY SEQUENCE FIELD: CODE-VALUE

T L DB NAME   F   LENG S DE

        TBGET retreival mechanism.
        Contains no data.
  2 GG SUBSET-INDICATOR   A   1.0 F
        Indicator that identifies to
        which of four table subsets
        a record belongs. The possi-
        ble values, and their meaning
        are:
          A - Clinical Observations
          B - In-life Sites
          C - In-life Qualifiers
              (Size,Count)
          D - Removal Reasons
  2 HH SHORT-TEXT   A   14.0   DE
        Abbreviated description of the
        in-life term.
  2 II LONG-TEXT   A   33.0
        Full description of the
        in-life term.
  2 JJ JJ-FILLER   A   1.0 N
        Field's sole purpose is to
        hold a column position due to
        TBGET retreival mechanism.
        Contains no data.
  2 KK CLASS-VALUE   N   6.0 N
        Observation class for clinical
        observation. Legacy field
        with no use in current ver-
        sion of TDMS.
  2 LL INCOMPAT-TOTAL   N   6.0 N
        Total of all class values with
        which the current entry is in-
        compatible. Legacy field with
        no meaning in current version
        of TDMS. (Incompatibility is
        built into LDAS.)

```
FILE...: TBCLOBSC
TYPE...: USER VIEW
FILE-NR: 25
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                        F   LENG S DE
  2 MM SEX-FLAG                     A   1.0 F
       Indicates gender-specific
       terms.  "M" for male; "F" for
       female; blank for none.
  2 NN MULTI-SELECT-FLAG            A   1.0 N
       Legacy field whose function
       was replaced by count qualifiers-
       fiers.
  2 OO NON-CHG-FLAG                 A   1.0 N
       Legacy field with no meaning
       in current version of TDMS.
  1 PP CLNOBS-GROUP                 P   5.0 N
       Clinical observation group to
       which a clinical observation
       belongs.  Only valid for
       subset "A".  Foreign key to
       TBCLOBSCGRP.
M 1 QQ EIQUAL-GROUP                 P   5.0 N
       Valid in-life qualifier groups
       which may be associated with
       a clinical observation.  Only
       valid for subset "A".  Foreign
       key to TBQUALGRP.
M 1 RR EISITE-NUM                   P   5.0 N
       Valid in-life sites which may
       be associated with a clinical
       observation.  Only valid for
       subset "A".  Foreign key to
       TBCLOBSC.
  1 TT EIQUAL-GROUP-NUM             P   5.0 N DE
       In-life qualifier group to
       which an in-life qualifier
       belongs.  Only valid for
       subset "C".  Foreign key to
       TBQUALGRP.
```

TBCLOBSCGRP

> View of clinical observation groups, which classify entries in
> TBCLOBSC with SUBSET-INDICATOR equal to "A".

```
FILE...: TBCLOBSCGRP
TYPE...: USER VIEW
FILE-NR: 36
PRIMARY SEQUENCE FIELD: CLNOBS-GROUP


T L DB NAME                      F   LENG S DE
- - -- -- - - --
G 1 DA CLINICAL-OBSERVATION-GROUP-TABLE
      Group embracing each element
      in the table.
  2 DB CLNOBS-GROUP              A   5.0 N UQ
      Code which identifies a unique
      clinical observation group.
  2 DC CLNOBS-GROUP-SHORT-TEXT   A  14.0 N
      Abbreviated description of the
      clinical observation group.
  2 DD CLNOBS-GROUP-LONG-TEXT    A  32.0 N
      Full description of the clini-
      cal observation group.
```

TBCLOBSI

Logical layout of clinical incompatibility table. This is a legacy table with no purpose in the current version of TDMS. Clinical observation incompatibility is simply enforced by LDAS software according to the following rules: unremarkable is incompatible with any other observation, hyperactive and lethargic are mutually incompatible.

```
FILE...: TBCLOBSI
TYPE...: USER VIEW
FILE-NR: 26
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 IT CLIN-OBS-INCOMPATIBILITY-TABLE
       Group embracing all fields in
       the table.
  2 AA ROW-NUMBER               N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED             A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE          A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE               N   6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
```

FILE...: TBCLOBSI
TYPE...: USER VIEW
FILE-NR: 26
PRIMARY SEQUENCE FIELD: CODE-VALUE

T L DB NAME   F   LENG S DE

  2 FF FF-FILLER   A   1.0 F
     Field's sole purpose is to
     hold a column position due to
     TBGET retreival mechanism.
     Contains no data.
  2 GG LONG-TEXT   A 32.0 N
     Full description of incompati-
     bility class.
  2 HH CLASS-VALUE   N   6.0   DE
     Value for incompatibility
     class, assigned as a unique
     bit switch, (.i.e, 1,2,4,8...)
  2 II TOTAL-CL-VALUE   N   6.0 N
     Sum of classes with which a
     class is incompatible.

TBCONDTC

Logical layout of cage condition table. This table is a legacy to TDMS and has no use in the current version of TDMS.

```
FILE...: TBCONDTC
TYPE...: USER VIEW
FILE-NR: 24
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 CT CAGE-CONDITION-TABLE
       Group embracing all field in
       the table.
  2 AA ROW-NUMBER               N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED             A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE          A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE               N   6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
```

FILE...: TBCONDTC
TYPE...: USER VIEW
FILE-NR: 24
PRIMARY SEQUENCE FIELD: CODE-VALUE

T L DB NAME   F   LENG S DE

     Contains no data.
  2 GG SHORT-TEXT   A   8.0 N
     Abbreviated description of the
     cage condition.
  2 HH LONG-TEXT   A   32.0 N
     Full description of the cage
     condition.
  2 II II-FILLER   A   1.0 N
     Field's sole purpose is to
     hold a column position due to
     TBGET retreival mechanism.
     Contains no data.
  2 JJ CAGE-COND-INCOMP   N   6.0 N
     Incompatibility class for
     cage condition.

Data Dictionary: TDMS   **369**   **TS-1005-2.2**

TBCORRREASON

Logical view of correction reason table. Contains the valid correction reasons that can be used to classify an entry made in the error correction system.

```
FILE...: TBCORRREASON
TYPE...: USER VIEW
FILE-NR: 31
PRIMARY SEQUENCE FIELD: CORR-CODE


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 CA CORRECTION-REASON-TABLE
      Group embracing all fields in
      the correction reason table.
  2 CB CORR-CODE                A   2.0 N UQ
      Unique, two-letter, code as-
      sociated with a correction
      reason.  Displayed on E22.
  2 CC CORR-REASON              A   30.0 N
      Full desciption of correction
      reason.
```

TBDOSRTE

Logical layout of Dose Route table. This table contains all routes by which a dose for a test may be administered. There are five categories to which current dose routes belong, which are: food, water, gavage, skin paint, and respiration.

```
FILE...: TBDOSRTE
TYPE...: USER VIEW
FILE-NR: 18
PRIMARY SEQUENCE FIELD: CODE-VALUE
```

```
T L DB NAME                        F    LENG S DE
- - --  -- - - --
G 1 DT DOSE-ROUTE-TABLE
       Group embracing all fields
       in table.
  2 AA ROW-NUMBER                   N    3.0    UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED                 A    8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE              A    1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                   N    6.0    UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                    A    1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                    A    1.0 F
       Field's sole purpose is to
```

FILE...: TBDOSRTE
TYPE...: USER VIEW
FILE-NR: 18
PRIMARY SEQUENCE FIELD: CODE-VALUE

T L DB NAME   F   LENG S DE

       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 GG LONG-TEXT   A   32.0 N
       Full description of dose
       route. Used in standard
       EIS/PEIS report headers.
  2 HH SHORT-TEXT   A   8.0 N
       Abbreviated description of the
       dose route.
  2 II GENERAL-ROUTE   N   6.0 N
       Refers to another record in
       the table, which record is
       the route category to which
       a specific record belongs.

TBFACLTY

Logical layout of facility table. Contains all facilities for TDMS, current
and former. Used in EIS/PEIS reports splash pages, PAS validation
reports, and almost every other part of the application.

```
FILE...: TBFACLTY
TYPE...: USER VIEW
FILE-NR: 27
PRIMARY SEQUENCE FIELD: CODE-VALUE
```

```
T L DB NAME                         F   LENG S DE
- - --  -- - - --
G 1 FT FACILITIES-TABLE
        Group embracing all fields in
        the table.
  2 AA ROW-NUMBER                    N   3.0    UQ
        Legacy field with no meaning
        in TDMS.  It was probably the
        primary key when the file was
        in VSAM.
  2 BB DATE-ENTERED                  A   8.0
        The date of entry for a record
        No enforced date format, but
        YYYYMMDD is preferred and TDMS
        tox date is discouraged.  In-
        formational only; not used in
        reports.
  2 CC ACTIVE-INACTIVE              A   1.0 F
        Status of record. A for active
        and I for inactive.  Information-
        tional only; not enforced by
        PAS.
  2 DD CODE-VALUE                    N   6.0    UQ
        Unique, sequential code to
        identify record within table.
        Primary key for record re-
        trieval.
  2 EE EE-FILLER                     A   1.0 F
        Field's sole purpose is to
        hold a column position due to
        TBGET retreival mechanism.
        Contains no data.
  2 FF FF-FILLER                     A   1.0 F
        Field's sole purpose is to
        hold a column position due to
```

FILE...: TBFACLTY
TYPE...: USER VIEW
FILE-NR: 27
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                        F    LENG S DE


        TBGET retreival mechanism.
        Contains no data.
  2 GG CHAR-ENTRY-CODE             A    5.0 N
        Code value right-justified and
        padded with 0's for bar-code
        use.  Legacy field with no
        use in current version of TDMS
  2 HH LONG-TEXT                   A   50.0 N DE
        Full name of facility.
  2 II CITY-STATE                  A   25.0 N
        City and state where facility
        is located.  Informational
        only.
  2 JJ SHORT-TEXT                  A   23.0 N
        Abbreviated title of facility.
  1 KK LAB-CODE                    A    2.0 N DE
        CHEMTRACK code for facility.
```

TBINLIFETERMS

Logical view of in-life terms desciptions table. Contains synonyms for clinical observation codes. Used as part of LDAS help system.

```
FILE...: TBINLIFETERMS
TYPE...: USER VIEW
FILE-NR: 33
PRIMARY SEQUENCE FIELD: TERM-NUM


T L DB NAME                     F   LENG S DE
- - --  -- - - --
G 1 GL IN-LIFE-TERMS-TABLE
       Group embracing all fields in
       the table.
  2 GM TERM-NUM                  P   5.0 N UQ
       TBCLOBSC code for which there
       is a list of synonyms.
  2 GN DEFINE-TEXT               A 200.0 N
       List of synonyms or descip-
       tions of current clinical object-
       servations.
```

TBORGSTA

Logical layout of organ (tissue) status table. Contains the possible statuses by which an organ (tissue) that is being microscopically evaluated may be classified.

```
FILE...: TBORGSTA
TYPE...: USER VIEW
FILE-NR: 34
PRIMARY SEQUENCE FIELD: CODE-VALUE
```

```
T L DB NAME                        F   LENG S DE
- - --  -- - - --
G 1 ST ORGAN-STATUS-TABLE
       Group embracing all fields in
       the organ status table.
  2 AA ROW-NUMBER                   N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED                 A   8.0 N
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE              A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                   N   6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                    A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                    A   1.0 F
       Field's sole purpose is to
       hold a column position due to
```

FILE...: TBORGSTA
TYPE...: USER VIEW
FILE-NR: 34
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                      F   LENG S DE


      TBGET retreival mechanism.
      Contains no data.
  2 GG SUBSET-INDICATOR           A   1.0
      Legacy field with no use in
      current version of TDMS.  For-
      mer use is unknown.
  2 HH LONG-TEXT                  A   32.0 N
      Full description of organ
      status.  Downloaded to LDAS
      and appears on pathology
      individual animal report.
  2 II DATA-COLLECTION            A   1.0   DE
      Legacy field with no use in
      current version of TDMS.  For-
      mer use is unknown.
  2 JJ REPORTING                  A   1.0
      Symbol used in matrix-oriented
      pathology reports to indicate
      statuses. (Those reports have
      legends that describe these
      symbols.  The legends are
      hard-coded.  Any new statuses
      that might be added to the
      table would require modifica-
      of those reports.)
```

TBPCT

Logical layout of the pathology code table. This layout is the basis on which NATURAL retrieves data for downloads and pathology reports.

```
FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 AA PCT
       Group embracing all fields
       in the pathology code table.
  2 AB TOXTIME                   A   8.0 N DE
       The date upon which the record
       was added, or last update, in
       TDMS toxdate format.  (Values
       are integers stored in an al-
       phanumeric field.)
  2 AC ACTIVITY-STATUS           A   1.0 F
       Status of record.  A for ac-
       tive; I for inactive.  Not
       checked in PCT reports, but is
       checked by PAS validation re-
       ports.
  2 AD TDMS-CODE                 N   5.0 F UQ
       Unique integer identifying
       a record on the table.  The
       common practice, which is
       neither enforced by software
       nor standard operating procedure-
       dures, is to assign codes
       sequentially, as follows:
          1-  999 Morphologies
       15000-15999 Qualifiers
       25000-25999 Topologies
  2 AE REORDER                   N   5.0 N
       Legacy field with no use in
       TDMS.  Original use unknown.
  2 AF TERMINOLOGY-PTR           N   5.0 N
       Legacy field with no use in
       TDMS.  Original use unknown.
       Contains no values.
```

FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE

T L DB NAME   F   LENG S DE

  2 AG INITIAL-ENTRY-DATE   N   5.0 N DE
     Date on which record was first
     added to the table. Stored
     in TDMS toxdate format.
  2 AH INITIAL-AUTHORIZATION   N   5.0 N
     Integer code denoting the
     pathologist who authorized
     the addition of the record.
     The possible values are:
       1001 - Dr. C. Montgomery
       1002 - Dr. S. Eustis
       1003 - Dr. R. Haley
     These codes are not operator
     IDs.
  2 AI CHANGE-AUTHORIZATION   N   5.0 N
     Code denoting the pathologist
     who authorizes a change to a
     record. (See INITIAL-AUTHOR-
     IZATION.)
  2 AJ SUBTABLE-QUALIFIER   A   1.0 N DE
     Letter indicating to which of
     three subtables a record be-
     longs: M for morphologies, T
     for topographies, Q for qualifiers-
     fiers.
  2 AK SYNONYM   N   5.0 N
     Legacy field with no use in
     TDMS. Original use unknown.
     Contains no values.
G 2 AL ALL-HIERARCHY-LEVELS
     Group embracing all LEVEL
     fields.
  3 AM LEVEL1   N   5.0 N DE
     Morphologies - Generic morph-
            ology type.
            Foreign key to
            TBPCT.
     Qualifiers -   ID of the qual-

FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


```
T L DB NAME                           F   LENG S DE
                     ifier group to
                     which the qual-
                     ifier belongs.
   3 AN LEVEL2                         N   5.0 N DE
         Morph. - Neoplastic flag. 4
                 for neoplastic; 5 for
                 non-neoplastic.
         Qual.  - Integer indicating
                 sort sequence on
                 pathology reports
                 and the qualifier
                 pull-down window on
                 LDAS.
   3 AO LEVEL3                         N   5.0 N
         Morph. - Malignancy flag: 4 is
                 malignant; 5 is be-
                 nign; 6 is uncertain
   3 AP LEVEL4                         N   5.0 N
         Morph. - Metastatic flag: 4 is
                 metastatic; 5 is non-
                 metastatic; 6 is un-
                 certain
   3 AQ LEVEL5                         N   5.0 N
         Legacy field.  Original use
         unknown.  Morphology terms
         inherited from NCTR contain
         the values 1 or 2.
   3 AR LEVEL6                         N   5.0 N
         Legacy field.  Original use
         unknown.  Contains no values.
   3 AS LEVEL7                         N   5.0 N
         Legacy field.  Original use
         unknown.  Contains no values.
   3 AT LEVEL8                         N   5.0 N
         Legacy field.  Original use
         unknown.  Contains no values.
 G 2 AU ALL-VALIDATION-FLAGS
         Group embracing all FLAG
         fields.
   3 AV FLAG1                          N   1.0 F
         Morph. & Top. - Gender speci-
                     ficity. 1 is
```

FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


```
T L DB NAME                      F   LENG S DE

                  both genders,
                  2 is gender
                  dependant.
      (Note: For topographies, only
      organs are flagged as gender-
      dependent.  Sites are gender-
      dependent by being located on
      a gender-dependent organ.)
  3 AW FLAG2                      N   1.0 F
      Morph. & Top. - Species speci-
                  ficity. 1 is
                  all species,
                  2 is gender
                  dependant.
      (Note: For topographies, only
      organs are flagged as species-
      dependent.  Sites are species-
      dependent by being located on
      a species-dependent organ.)
3 AX FLAG3                        N   1.0 F
      Morph. - Organ association
                  flag. 1 for all or-
                  gans; 2 for a speci-
                  fied list of organs;
                  3 for all but a
                  specified list of
                  organ.  (The list of
                  organs for values 2
                  and 3 are found in
                  the multilple-entry
                  field ALL-FLAG3-
                  VALUES.)
  3 AY FLAG4                      N   1.0 F
      Top.  - Topography type: 1 is
                a sytem, 2 is an or-
                gan, 3 is a site
      Qual. - Qualifier type: 1 is
```

FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE

```
T L DB NAME                        F   LENG S DE
             qualifier group, 2 is
             a qualifier
  3 AZ FLAG5                        N   1.0 F
     Legacy field.  Original use
     unknown.  Contains no values.
  3 BA FLAG6                        N   1.0 F
     Gross morphology flag.  Gross
     morphologies are a legacy to
     TDMS, with no use in the cur-
     rent version.
  3 BB FLAG7                        N   1.0 F
     Legacy field.  Original use
     unknown.  Contains no values.
  3 BC FLAG8                        N   1.0 F
     Legacy field.  Original use
     unknown.  Contains no values.
  2 BD REVERSE-PTR                  N   5.0 N
     Legacy field.  Original use
     unknown.  Contains no values.
  2 BE NCTR-CODE                    A   3.0 N
     Legacy field with no use in
     current version of TDMS.  Ap-
     pears to be a code that was
     associated with morphology
     terms inherited from NCTR.
  2 BF SNOP-CODE                    A   4.0 N
     Legacy field.  Original use
     unknown.
G 2 BG SNOMED
     Group embracing SNOMED defini-
     tions.  SNOMED appears to be
     an alternative coding system
     for pathology terms.  Information-
     mational only.  Only assigned
     to terms inherited from NCTR.
     Not entered for new terms.
  3 BH SNOMED-TYPE                  A   1.0 N
     The single-letter identifying
     the SNOMED type. M for morph-
     ology; T for topography.
  3 BI SNOMED-CODE                  A   5.0 N
     Five-digit numeric code that
```

FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


```
T L DB NAME                        F   LENG S DE

        uniquely identifies the term
        in the SNOMED system.
  2 BJ ASSOCIATED-SNOMED-TERM       A   6.0 N
        Legacy field. Original use
        unknown.
  2 BK SYSTEMIC-FLAG                A   1.0 N
        Applies to morphology terms
        only.  Indicates whether a
        term is a systemic lesion.
  2 BL GROSS-MICRO-FLAG             A   1.0 N
        Flag indicating whether a
        morphology term is micro-
        scopically, or grossly, object-
        served.  The possible values
        are:
            0 - Microscopic only
            1 - Gross only
            2 - Both
        (Gross pathology is not part
        of the current version of
        TDMS.)
  2 BM PAIRED-ORGAN-FLAG            A   1.0 N
        Appies to organ topographies
        only.  Indicates whether an
        organ is paired.  The values
        are: 1 is not paired, 2 is
        paired.
  2 BN FILLER1                      A  13.0 N
        Legacy field.  Original use
        unknown.  Contains no values.
G 2 BO SHORT-TEXT
        Group which merely includes
        the short text field.
  3 BP SHORT-TEXT-FIELD            A  14.0 N DE
        Abbreviated description of
        the term.  Used on Individual
        Animal Data report and LDAS
```

FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE

```
T L DB NAME                        F    LENG S DE
       pull-down screens.
G 2 BQ LONG-TEXT
       Group which merely includes
       the long text field.
  3 BR LONG-TEXT-FIELD             A    60.0 N
       Full description of the term.
  2 BS NUM-FLAG1-VALUES            N     5.0 N
       Number of entries in
       ALL-FLAG1-VALUES multiple-
       entry field.  Should have
       same value as MU count field
       for ALL-FLAG1-VALUES.  Since
       ALL-FLAG1-VALUES can never
       have more than one entry, the
       value of this field should
       not be higher than one.
  2 BT NUM-FLAG2-VALUES            N     5.0 N
       Number of entries in
       ALL-FLAG2-VALUES multiple-
       entry field.  Should have
       same value as MU count field
       for ALL-FLAG2-VALUES.  Since
       ALL-FLAG2-VALUES can never
       have more than one entry, the
       value of this field should
       not be higher than one.
  2 BU NUM-FLAG3-VALUES            N     5.0 N
       Number of entries in
       ALL-FLAG3-VALUES multiple-
       entry field.  Should have
       same value as MU count field
       for ALL-FLAG3-VALUES.
  2 BV NUM-FLAG4-VALUES            N     5.0 N
       Number of entries in
       ALL-FLAG4-VALUES multiple-
       entry field.  Should have
       same value as MU count field
       for ALL-FLAG4-VALUES.
  2 BW NUM-FLAG5-VALUES            N     5.0 N
       Number of entries in
       ALL-FLAG5-VALUES multiple-
       entry field.  Should have
```

FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


```
T L DB NAME                        F   LENG S DE
       same value as MU count field
       for ALL-FLAG5-VALUES.
  2 BX NUM-FLAG6-VALUES            N   5.0 N
       Number of entries in
       ALL-FLAG6-VALUES multiple-
       entry field.  Should have
       same value as MU count field
       for ALL-FLAG6-VALUES.
  2 BY NUM-FLAG7-VALUES            N   5.0 N
       Number of entries in
       ALL-FLAG7-VALUES multiple-
       entry field.  Should have
       same value as MU count field
       for ALL-FLAG7-VALUES.
  2 BZ NUM-FLAG8-VALUES            N   5.0 N
       Number of entries in
       ALL-FLAG8-VALUES multiple-
       entry field.  Should have
       same value as MU count field
       for ALL-FLAG8-VALUES.
  2 CJ NUM-OF-FREE-TEXT-CHARS      N   5.0 N
       Number of entries in multiple-
       entry field FREE-TEXT-CHARS,
       which field is a legacy to
       TDMS.  Number is always 0.
M 2 CA ALL-FLAG1-VALUES            A   1.0 N
       Gender-dependency for morph-
       ologies and topographies.
       If FLAG1 is set to 2, then
       the first entry in this
       multiple-entry field will
       be either M for F to indicate
       the gender upon which the
       term is dependent.  There is
       never more than one entry in
       this MU field.
M 2 CB ALL-FLAG2-VALUES            N   5.0 N
       Indicate species dependency
       for morphologies and topo-
       graphies.  If FLAG2 is set
       to 2, then the first entry
       in this MU field will be
```

```
              the TBSTRAIN species code
              upon which the term in depend-
              dent.  No more that one entry
              is used in this MU field.
M 2 CC ALL-FLAG3-VALUES               N    5.0 N DE
          Morph. - If FLAG3 is 2 or 3,
                   the dependant organs.
                   Foreign key to TBPCT.
          Top.   - If FLAG4 is 2, the
                   system to which the
                   organ belongs; if 3,
                   then the organs for
                   which the site is
                   valid.  Foreign key
                   to TBPCT.
          Qual.  - If FLAG4 is 2, the
                   qualifier groups to
                   which the qualifier
                   belongs.  Foreign
                   key to TBPCT.
M 2 CD ALL-FLAG4-VALUES               N    5.0 N
          Top.  - If FLAG4 is 1, the
                  organs included in the
                  system; if 2, then the
                  sites on the organ.
                  Foreign key to TBPCT.
          Qual. - If FLAG4 is 1, then
                  the qualifiers in-
                  cluded in the group.
                  Foreign key to TBPCT.
M 2 CE ALL-FLAG5-VALUES               N    5.0 N DE
          Morph. - The IDs for the qual-
                   ifier groups that
                   are appropriate to
                   the term.
          Qual. -  If FLAG4 is 2, the
                   the IDs for the
                   qualifier groups in
                   which the qualifier
                   is classified.  (The
                   LEVEL1 values for the
                   terms in ALL-FLAG3-
                   VALUES.)
M 2 CF ALL-FLAG6-VALUES               N    5.0 N
          Legacy field.  Equivalent to
```

FILE...: TBPCT
TYPE...: USER VIEW
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


```
T L DB NAME                      F   LENG S DE
        ALL-FLAG3-VALUES, but for
        gross terms.  Gross pathology
        is not part of the current
        version of TDMS.
M 2 CG ALL-FLAG7-VALUES          N   5.0 N
        Legacy field.  Equivalent to
        ALL-FLAG4-VALUES, but for
        gross terms.  Gross pathology
        is not part of the current
        version of TDMS.
M 2 CH ALL-FLAG8-VALUES          N   5.0 N
        Legacy field.  Equivalent to
        ALL-FLAG5-VALUES, but for
        gross terms.  Gross pathology
        is not part of the current
        version of TDMS.
M 2 CI FREE-TEXT-CHARS           A   1.0 N
        Legacy field.  Original use
        unknown.  Contains no values.
```

TBQUALGRP

Logical view of the in-life qualifier group table. It contains the possible groups by which current in-life qualifiers are classified.

```
FILE...: TBQUALGRP
TYPE...: USER VIEW
FILE-NR: 31
PRIMARY SEQUENCE FIELD: EIQUAL-GROUP


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 HA INLIFE-QUALIFIER-GROUP-TABLE
       Group embracing all fields in
       the table.
  2 HB EIQUAL-GROUP              A   5.0 N UQ
       Unique, sequentially assigned,
       number that identifies an in-
       life qualifier group.
  2 HC EIQUAL-GROUP-SHORT-TEXT   A  14.0 N
       Description of in-life qualifiers-
       fier group.
  2 HD EIQUAL-GROUP-LONG-TEXT    A  32.0 N
       Description of in-life qualifiers-
       fier group.
```

TBSTAINC

Logical layout of stain table. The table contains stains that could be used for tissue section cuts. Stains are a legacy to TDMS, with no use in the current version. PEX software does not require any stain codes to be associated with a test.

```
FILE...: TBSTAINC
TYPE...: USER VIEW
FILE-NR: 15
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                        F   LENG S DE
- - --  -- - - --
G 1 ST STAIN-TABLE
       Embraces all fields in a
       stain record.
  2 AA ROW-NUMBER                  N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED                A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE             A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                  N   6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                   A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                   A   1.0 F
       Field's sole purpose is to
```

FILE...: TBSTAINC
TYPE...: USER VIEW
FILE-NR: 15
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                        F   LENG S DE

      hold a column position due to
      TBGET retreival mechanism.
      Contains no data.
  2 GG LONG-TEXT                    A   30.0 N
      Full description of stain.
  2 HH SHORT-TEXT                   A   14.0 N
      Abbreviated description of the
      stain.
```

TBSTRAIN

Logical layout of strain table. Table contains species and species/strains that are used in TDMS. The three current species are mice, rats, and hamsters. Strain information appears on most EIS/PEIS reports.

```
FILE...: TBSTRAIN
TYPE...: USER VIEW
FILE-NR: 21
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                      F   LENG S DE
- - -- -- - - --
G 1 ST STRAIN-TABLE
       Group embracing all fields in
       the table.
  2 AA ROW-NUMBER                N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED              A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE           A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                N   6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                 A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                 A   1.0 F
       Field's sole purpose is to
```

FILE...: TBSTRAIN
TYPE...: USER VIEW
FILE-NR: 21
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                        F   LENG S DE

        hold a column position due to
        TBGET retreival mechanism.
        Contains no data.
  2 GG SPECIES-CODE                 N    6.0 N
        The TBSTRAIN code for the spe-
        cies to which a strain belongs.
  2 HH SUBSET-INDICATOR             N    6.0 N
        Indicates whether a record
        is a species or strain.  1 is
        a species; 2 is a strain.
  2 II SHORT-TEXT                   A   12.0 N
        Abbreviated description of
        species/strain.  Used in EIS/
        PEIS reports.
  2 JJ BREEDING-CODE                A    1.0 N
        Legacy field with no meaning
        in TDMS.   Contains no values.
  2 KK STR-FEM-PARENT               N    6.0 N
        Legacy field with no meaning
        in TDMS.  Contains no values.
  2 LL STR-MALE-PARENT              N    6.0 N
        Legacy field with no meaning
        in TDMS.  Contains no values.
  2 MM LONG-TEXT                    A   38.0 N
        Full description of species/
        strain.
  2 NN NN-FILLER                    A    1.0 N
        Field's sole purpose is to
        hold a column position due to
        TBGET retreival mechanism.
        Contains no data.
```

TBSUBSTR

Logical layout of substrain table. Substrains are a legacy to TDMS, with no use in the current version. PAS software requires a substrain code for in-life test protocol, so the codes for "Not Applicable" or "Not Specified" are entered.

```
FILE...: TBSUBSTR
TYPE...: USER VIEW
FILE-NR: 17
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 ST SUBSTRAIN-TABLE
       Group embracing all fields
       in table.
  2 AA ROW-NUMBER               N   3.0   UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED             A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE          A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE               N   6.0   UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                A   1.0 F
       Field's sole purpose is to
```

FILE...: TBSUBSTR
TYPE...: USER VIEW
FILE-NR: 17
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                          F   LENG S DE

      hold a column position due to
      TBGET retreival mechanism.
      Contains no data.
  2 GG SHORT-TEXT                     A   14.0 N
      Abbreviated description of the
      substrain.
  2 HH LONG-TEXT                      A   32.0 N
      Full description of the sub-
      strain.
```

TBTESTYP

>   Logical layout of test type table. Table contains possible test types by
>   which a test may be classified. Test type information appears on most
>   EIS/PEIS reports, usually on the splash page.

FILE...: TBTESTYP
TYPE...: USER VIEW
FILE-NR: 28
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                        F   LENG S DE
- - -- -- - - --
G 1 TT TEST-TYPE-TABLE
      Group embracing all fields in
      the test type table.
  2 AA ROW-NUMBER                   N   3.0   UQ
      Legacy field with no meaning
      in TDMS.  It was probably the
      primary key when the file was
      in VSAM.
  2 BB DATE-ENTERED                 A   8.0
      The date of entry for a record
      No enforced date format, but
      YYYYMMDD is preferred and TDMS
      tox date is discouraged.  In-
      formational only; not used in
      reports.
  2 CC ACTIVE-INACTIVE              A   1.0 F
      Status of record. A for active
      and I for inactive.  Information-
      tional only; not enforced by
      PAS.
  2 DD CODE-VALUE                   N   6.0   UQ
      Unique, sequential code to
      identify record within table.
      Primary key for record re-
      trieval.
  2 EE EE-FILLER                    A   1.0 F
      Field's sole purpose is to
      hold a column position due to
      TBGET retreival mechanism.
      Contains no data.
  2 FF FF-FILLER                    A   1.0 F
      Field's sole purpose is to
      hold a column position due to
```

FILE...: TBTESTYP
TYPE...: USER VIEW
FILE-NR: 28
PRIMARY SEQUENCE FIELD: CODE-VALUE

T L DB NAME   F   LENG S DE

      TBGET retreival mechanism.
      Contains no data.
  2 GG CHARACTER-CODE   A   2.0 N
      Code value right-justified and
      padded with 0's for bar-code
      use. Legacy field with no use
      in current version of TDMS.
  2 HH SHORT-TEXT   A   16.0 N
      Abbreviated description of the
      test type. Displayed in
      EIS/PEIS reports.
  2 II LONG-TEXT   A   32.0 N
      Full description of the test
      type. Used in EIS/PEIS re-
      ports and downloaded to LDAS.
  2 JJ CURRENT-PERIOD-LENGTH   P   3.0 N
      Defines the length, in days,
      of the current period for a
      test type. Used in some
      EIS reports that perform current-
      ent period reporting.

TBTRTROLE

Logical layout of treatment role table. Contains the possible roles that a treatment group may have on a test. Some older TDMS software still has these roles hard-coded.

```
FILE...: TBTRTROLE
TYPE...: USER VIEW
FILE-NR: 31
PRIMARY SEQUENCE FIELD: TREAT-ROLE
```

```
T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 BA TREATMENT-ROLE-TABLE
       Group embracing all fields in
       the treatment role table.
  2 BB TREAT-ROLE               A   1.0 N UQ
       Unique alphabetic code for a
       treatment role.  Primary key
       for table retrieval.
  2 BC ROLE-TEXT                A  32.0 N
       Full description for treatment
       role.
```

TBUNITS

Logical layout of units table.   This table lists quantitative units of
measure. This table is a legacy to TDMS. The only valid unit of
measure in TDMS is decigrams, which unit is hard-coded into TDMS
software.

```
FILE...: TBUNITS
TYPE...: USER VIEW
FILE-NR: 20
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 UT UNITS-TABLE
       Group embracing all fields in
       table.
  2 AA ROW-NUMBER                  N   3.0    UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED                A   8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE             A   1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                  N   6.0    UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                   A   1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                   A   1.0 F
       Field's sole purpose is to
```

FILE...: TBUNITS
TYPE...: USER VIEW
FILE-NR: 20
PRIMARY SEQUENCE FIELD: CODE-VALUE


```
T L DB NAME                       F   LENG S DE

      hold a column position due to
      TBGET retreival mechanism.
      Contains no data.
  2 GG SHORT-TEXT                  A    8.0 N
      Abbreviated description of the
      unit of measure.
  2 HH LONG-TEXT                   A   50.0 N
      Full description of the unit
      of measure.
```

TBWEIGHTCURVE

Logical view of animal weight growth table. Contains weight curve
upper and lower limits as a function of species, sex, and week-on-test.

```
FILE...: TBWEIGHTCURVE
TYPE...: USER VIEW
FILE-NR: 31
PRIMARY SEQUENCE FIELD: WEIGHT-CURVE-START-WEEK


T L DB NAME                         F   LENG S DE
- - -- -- - - --
G 1 GA WEIGHT-CURVE-TABLE
       Group embracing all fields
       in the body weight growth
       curve table.
  2 GB WEIGHT-CURVE-START-WEEK      P   9.0 N UQ
       This field is a numeric string
       and comprises two sub-fields.
       The first four digits denote
       the species-sex; the second
       five, the starting test-on-
       week.  (The ending test-on-
       week would be one less than
       the next highest starting
       test-on-week for the species-
       sex.)  The possible species-
       sex indicators are:
           0001 - Male Rats
           0002 - Female Rats
           0003 - Male Mice
           0004 - Female Mice
  2 GD MIN-WEIGHT                   P   5.0 N
       The minimum weekly change in
       body weight, expressed as
       percentage.
  2 GE MAX-WEIGHT                   P   5.0 N
       Maximum weekly body weight
       change, expressed as a per-
       centage.
```

TBWGTOBJ

Logical layout of Weight Object table. This table contains objects which may be weighed during the in-life portion of a test, and for which there are weight ranges. Codes from this table are entered in PAS weight items segment and included in in-life downloads.

```
FILE...: TBWGTOBJ
TYPE...: USER VIEW
FILE-NR: 19
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                         F    LENG S DE
- - --  -- - - --
G 1 WT WEIGHT-OBJECT-TABLE
       Group embracing all fields
       in table.
  2 AA ROW-NUMBER                    N    3.0    UQ
       Legacy field with no meaning
       in TDMS.  It was probably the
       primary key when the file was
       in VSAM.
  2 BB DATE-ENTERED                  A    8.0
       The date of entry for a record
       No enforced date format, but
       YYYYMMDD is preferred and TDMS
       tox date is discouraged.  In-
       formational only; not used in
       reports.
  2 CC ACTIVE-INACTIVE               A    1.0 F
       Status of record. A for active
       and I for inactive.  Information-
       tional only; not enforced by
       PAS.
  2 DD CODE-VALUE                     N    6.0    UQ
       Unique, sequential code to
       identify record within table.
       Primary key for record re-
       trieval.
  2 EE EE-FILLER                      A    1.0 F
       Field's sole purpose is to
       hold a column position due to
       TBGET retreival mechanism.
       Contains no data.
  2 FF FF-FILLER                      A    1.0 F
       Field's sole purpose is to
```

FILE...: TBWGTOBJ
TYPE...: USER VIEW
FILE-NR: 19
PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                       F   LENG S DE

      hold a column position due to
      TBGET retreival mechanism.
      Contains no data.
  2 GG SHORT-TEXT                  A    8.0 N
      Abbreviated description of
      weight object.
  2 HH LONG-TEXT                   A   32.0 N
      Full description of weight object-
      ject.  First 20 characters in-
      cluded in in-life downloads.
```

TBWGTSTATUS

Logical view of weight status table. Contains valid statuses for objects whose scheduled weight action is being bypassed. Downloaded to LDAS as part of test protocol. Displayed in all reports that contain weight detail information.

```
FILE...: TBWGTSTATUS
TYPE...: USER VIEW
FILE-NR: 31
PRIMARY SEQUENCE FIELD: STATUS-NUM


T L DB NAME                     F   LENG S DE
- - --  -- - - --
G 1 AA WEIGHT-STATUS-TABLE
       Group embracing all fields in
       the weight status table.
  2 AB STATUS-NUM               P   5.0 N UQ
       Unique, sequential, identifi-
       cation number for weight stat-
       uses used as primary index for
       table retrieval.
  2 AC STATUS-TEXT              A  30.0 N
       Full description of weight
       status.
  2 AD STATUS-SHORT-TEXT        A   8.0 N
       Abbreviated description of
       weight status.  Displayed on
       EIS/PEIS detail reports.
  2 AE STATUS-FLAG              A   1.0 F
       Flag that indicates to which
       type of weight action the
       status applies. A for animal;
       C for container; R for removal
```

TB_OPERATOR_ID

User view for operator table. Corresponds to the LDAS "operator" table. Contains all valid operators of TDMS. Each operator is assigned a unique, sequential number within the facility with which they are associated. All users of the TDMS menu have the first eight characters of their user account entered in the STARUSER field, which the menu uses to validate users invoking the menu.

```
FILE...: TB_OPERATOR_ID
TYPE...: USER VIEW
FILE-NR: 14
PRIMARY SEQUENCE FIELD: OPERATOR-ID


T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AA OPERATOR-ID                 N   9.0   UQ
     Unique identifier for records
     in the table.  The first 5
     characters are the associated
     facility; the next four, a
     unique, usually sequential,
     number within the facility.
     The primary key for the file.
  1 AC OP-ID-PASSWORD              A   8.0 N
     Defunct field.  Used by MOD-
     COMP data collection system,
     which has been replaced by
     LDAS.
  1 AE OP-ID-FAC-ACCESS            N   5.0 N
     The facility with which the
     user is associated.  Should
     have the same value as the
     first 5 characters of the
     OPERATOR-ID field, and is,
     hence, redundant.  Foreign
     key to TBFACLTY.
  1 AF OP-ID-AGENCY                N   5.0 N
     The agency with which the
     operator is associated.  This
     field is superfluous as NIEHS
     is the only valid TDMS agency.
     Foreign key to TBAGENCY.
  1 AG OP-ID-STARUSER              A   8.0 N DE
     The first eight characters of
     the operator's VAX account on
```

FILE...: TB_OPERATOR_ID
TYPE...: USER VIEW
FILE-NR: 14
PRIMARY SEQUENCE FIELD: OPERATOR-ID


```
T L DB NAME                      F   LENG S DE


       the NIEHS cluster.  This value
       is used by the TDMS main menu
       to validate a user attempting
       access to the menu system.
P 1 AH OP-ID-USER-INFO
       Repeating group for each per-
       son who's been assigned the
       identifier code.  LDAS doesn't
       support reassignment of IDs
       so this group should only have
       one group entry.  (MODCOMP
       supported reassignment.)
  2 AI OP-ID-USER-START-DATE      A    8.0 N
       The date on which the operator
       was assigned.  The date format
       is MMDDYY.
  2 AJ OP-ID-USER-STOP-DATE       A    8.0 N
       The date on which the user was
       removed as a TDMS operator.
       The date format is MMDDYY.
  2 AK OP-ID-USER-NAME            A   32.0 N DE
       The name of the operator.  The
       usual format is last name and
       first initial, separated by a
       comma.
```

4.6 ADABAS Physical Definitions

ACCT-SITES-PEIS

Physical layout of file 55. Supports the PAS_ACCT_SITE view.
PASGET uses this layout to issue direct calls for EIS/PEIS reports.

```
FILE...: ACCT-SITES-PEIS

TYPE...: ADABAS

FILE-NR: 55

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY



T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 TA PAS-ACCT-SITE
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY              A   9.0   DE
       Used by PASGET to retrieve
       data from the file.
  2 TE DATA-DATE                  A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                  A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER       B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID                B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                 A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                     A  78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                   A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                   A   6.0 N
       Not referenced by PASGET.
G 1 AA ACCT-SITE-REQ
       Not referenced by PASGET.
  2 BB ORGAN-CODE                 B   2.0
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
```

FILE...: ACCT-SITES-PEIS

TYPE...: ADABAS

FILE-NR: 55

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                     F   LENG S DE

  2 CC SITE-GRP-CT              B    2.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
M 2 DD SITE-CODE                B    2.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  1 SD SUPER-KEY                A   11.0   SP
        SOURCE FIELD(S) --- -START- --END-
       DATA-BASE-KEY                  1     9
       ORGAN-CODE                     1     2


       Used by PASGET to select data
       from the file.
```

ACTION-TABLE

Physical layout of action table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBACTONC. TBGET uses that layout description to form direct calls to retrieve data from the table for PAS validation reports. This layout corresponds to the view TBACTONC.

```
FILE...: ACTION-TABLE
TYPE...: ADABAS
FILE-NR: 29
PRIMARY SEQUENCE FIELD:  CODE-VALUE


T L DB NAME                      F    LENG S DE
- - -- -- - - --
G 1 AT ACTION-TABLE
  2 AA ROW-NUMBER                B    2.0    UQ
       Refer to TBACTONC.  Not refer-
       enced by TBGET.
  2 BB DATE-ENTERED              A    8.0
       Refer to TBACTONC.  Not refer-
       enced by TBGET.
  2 CC ACTIVE-INACTIVE           A    1.0 F
       Refer to TBACTONC.  Not refer-
       enced by TBGET.
  2 DD CODE-VALUE                B    2.0    UQ
       Refer to TBACTONC.  Key used
       by TBGET to retrieve data from
       the table.
  2 EE EE-FILLER                 A    1.0 F
       Refer to TBACTONC.  Not refer-
       enced by TBGET.
  2 FF FF-FILLER                 A    1.0 F
       Refer to TBACTONC.  Not refer-
       enced by TBGET.
  2 GG LONG-TEXT                 A   32.0 N
       Refer to TBACTONC.  Retrived
       by TBGET for PAS validation
       reports.
  2 HH TYPE-ACTION               A    1.0 N
       Refer to TBACTONC.  Not refer-
       enced by TBGET.
```

AGENCY-TABLE

Physical layout of agency table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBAGENCY. TBGET uses that layout description to form direct calls to retrieve data from the table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBAGENCY.

```
FILE...: AGENCY-TABLE
TYPE...: ADABAS
FILE-NR: 22
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 AT AGENCY-TABLE
  2 AA ROW-NUMBER                 B   2.0   UQ
       Refer to TBAGENCY.  Not refer-
       enced by TBGET.
  2 BB DATE-ENTERED               A   8.0
       Refer to TBAGENCY.  Not refer-
       enced by TBGET.
  2 CC ACTIVE-INACTIVE            A   1.0 F
       Refer to TBAGENCY.  Not refer-
       enced by TBGET.
  2 DD CODE-VALUE                 B   2.0   UQ
       Refer to TBAGENCY.  Key used
       by TBGET to retrieve data from
       this table.
  2 EE EE-FILLER                  A   1.0 F
       Refer to TBAGENCY.  Not refer-
       enced by TBGET.
  2 FF FF-FILLER                  A   1.0 F
       Refer to TBAGENCY.  Not refer-
       enced by TBGET.
  2 GG CHARACTER-CODE             A   2.0 N
       Refer to TBAGENCY.  Not refer-
       enced by TBGET.
  2 HH LONG-TEXT                  A   32.0 N
       Refer to TBAGENCY.  TBGET re-
       trieves this field for PAS
       validation reports.
  2 II REPORT-HEADINGS            A   50.0 N
       Refer to TBAGENCY.  Not refer-
       enced by TBGET.
  2 JJ SHORT-TEXT                 A   12.0 N
```

FILE...: AGENCY-TABLE

TYPE...: ADABAS

FILE-NR: 22

PRIMARY SEQUENCE FIELD: CODE-VALUE

T L DB NAME   F   LENG S DE

         Refer to TBAGENCY. Used by
         TBGET to retrieve data from
         this table for EIS/PEIS re-
         ports.

FILE-NR:

ANIMAL-CLASS-QUAL-TABLE

Physical layout of animal class qualifier table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBANCLQF. TBGET uses that layout description to form direct calls to retrieve data from the table for PAS validation reports. This file corresponds to the view TBANCLQF.

```
FILE...: ANIMAL-CLASS-QUAL-TABLE
TYPE...: ADABAS
FILE-NR: 23
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                       F   LENG S DE
- - -- -- - - --

G 1 CT ANIMAL-CLASS-QUALIFIER-TABLE
  2 AA ROW-NUMBER                  B   2.0   UQ
       Refer to TBANCLQF.  Not refer-
       enced by TBGET.
  2 BB DATE-ENTERED                A   8.0
       Refer to TBANCLQF.  Not refer-
       enced by TBGET.
  2 CC ACTIVE-INACTIVE             A   1.0 F
       Refer to TBANCLQF.  Not refer-
       enced by TBGET.
  2 DD CODE-VALUE                  B   2.0   UQ
       Refer to TBANCLQF.  Key by
       which TBGET retrieves records
       from the table.
  2 EE EE-FILLER                   A   1.0 F
       Refer to TBANCLQF.  Not refer-
       enced by TBGET.
  2 FF FF-FILLER                   A   1.0 F
       Refer to TBANCLQF.  Not refer-
       enced by TBGET.
  2 GG LONG-TEXT                   A   32.0 N
       Refer to TBANCLQF.  Retrieved
       by TBGET for PAS validation
       reports.
```

ANIMAL-DATA-EIS

Physical layout of file 106. Supports the TD-ANIMAL-DATA view.
No TDMS software accesses this file using direct calls.

FILE...: ANIMAL-DATA-EIS

TYPE...: ADABAS

FILE-NR: 106

PRIMARY SEQUENCE FIELD: EXP-TEST-ANIMAL-DATE

```
T L DB NAME                         F    LENG S DE
- - --  -- - - --
  1 AA EXP-TEST-ANIMAL-DATE         A    21.0   DE
  1 AL BALANCE-NUMBER               U     5.0 N
  1 AB WEIGHT-TIME                  U     5.0 N
  1 AC ANIMAL-WEIGHT                U    10.0 N
  1 AD WEIGHT-OPERATOR-ID           U     5.0 N
  1 AE WEIGHT-ERROR-FLAG            A     1.0 F
  1 AF ACTION-OVERRIDE-FLAG-WGT     A     1.0 F
  1 AG MANUAL-ENTRY-FLAG-WGT        A     1.0 F
  1 AH REMOVAL-ACTION-FLAG-WGT      A     1.0 F
  1 AI BACKWARD-FORWARD-FLAG-WGT    A     1.0 F
  1 AJ EXPECTED-SELECTED-FLAG-WGT   A     1.0 F
  1 AK WEIGHT-OVERRIDE              A     1.0 F
  1 BB OBSERVATION-TIME             U     5.0 N
  1 AM OBSERVATION-OPERATOR-ID      U     5.0 N
  1 AN OBSERVATION-ERROR-FLAG       A     1.0 F
  1 AO ACTION-OVERRIDE-FLAG-OBS     A     1.0 F
  1 AP MANUAL-ENTRY-FLAG-OBS        A     1.0 F
  1 AQ REMOVAL-ACTION-FLAG-OBS      A     1.0 F
  1 AR BACKWARD-FORWARD-FLAG-OBS    A     1.0 F
  1 AS EXPECTED-SELECTED-FLAG-OBS   A     1.0 F
  1 AT NOTE-OPERATOR-ID             U     5.0 N
  1 BC NOTE-TIME                    U     5.0 N
  1 AU NOTE-ERROR-FLAG              A     1.0 F
  1 AV ACTION-NUMBER                U     5.0 N
  1 AW ANIMAL-NOTE                  A    80.0 N
P 1 DA OBSERVATION-DATA
  2 DB OBSERVATION                  U     5.0 N
  2 DC SITE                         U     5.0 N
  2 DD EIQUAL1                      U     5.0 N
  2 DE EIQUAL2                      U     5.0 N
  1 DF MANUAL-ENTRY-FLAG-NOTE       A     1.0 F
  1 DG WEIGHT-STATUS                P     5.0 N
```

ANIMAL-EIS

>Physical layout of file 103. Supports the TD-ANIMAL view. No
>current TDMS software accesses this file using direct calls.

```
FILE...: ANIMAL-EIS
TYPE...: ADABAS
FILE-NR: 103
PRIMARY SEQUENCE FIELD: EXP-TEST-ANIMAL
```

```
T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 AA EXP-TEST-ANIMAL             A   16.0   UQ
  1 AB ORIGINAL-CAGE-NUMBER        U    4.0
  1 CA CARCASS-IDENTIFICATION      A   14.0 N DE
  1 CB BALANCE-NUMBER              U    5.0
  1 CC REASON-FOR-REMOVAL          U    5.0 N
  1 CD HOSPITAL-CAGE               U    4.0 N
  1 AC ANIMAL-IDENTIFICATION       A    1.0 F
  1 AD ANIMAL-CLASS                U    5.0
  1 AE SEX                         A    1.0 F
  1 AF SPECIES                     U    5.0
  1 AG STRAIN                      U    5.0
  1 AH SUBSTRAIN                   U    5.0
  1 AI ANIMAL-DATE                 U    5.0
  1 AJ ANIMAL-TIME                 U    5.0
  1 AK ANIMAL-OPERATOR-ID          U    5.0
  1 AL ANIMAL-ERROR-FLAG           A    1.0 F
  1 AM ACTION-OVERRIDE-FLAG-CID    A    1.0 F
  1 AN MANUAL-ENTRY-FLAG-CID       A    1.0 F
  1 AO REMOVAL-ACTION-FLAG-CID     A    1.0 F
  1 AP BACKWARD-FORWARD-FLAG-CID   A    1.0 F
  1 AQ EXPECTED-SELECTED-FLAG-CID  A    1.0 F
  1 AS ACTION-OVERRIDE-FLAG-REM    A    1.0 F
  1 AT MANUAL-ENTRY-FLAG-REM       A    1.0 F
  1 AU REMOVAL-ACTION-FLAG-REM     A    1.0 F
  1 AV BACKWARD-FORWARD-FLAG-REM   A    1.0 F
  1 AW EXPECTED-SELECTED-FLAG-REM  A    1.0 F
  1 AX REMOVAL-DATE                U    5.0 N
  1 CF REMOVAL-TIME                U    5.0 N
  1 CE REMOVAL-OPERATOR-ID         U    5.0 N
  1 CG REMOVAL-ERROR-FLAG          A    1.0 F
  1 CM REMOVED-DATE                U    5.0 N
  1 AY DAYS-ON-EXPERIMENT          U    5.0
  1 AZ ACTION-OVERRIDE-FLAG-WGT    A    1.0 F
  1 BA MANUAL-ENTRY-FLAG-WGT       A    1.0 F
```

FILE...: ANIMAL-EIS

TYPE...: ADABAS

FILE-NR: 103

PRIMARY SEQUENCE FIELD: EXP-TEST-ANIMAL


```
T L DB NAME                        F   LENG S DE


  1 BB REMOVAL-ACTION-FLAG-WGT      A   1.0 F
  1 BC BACKWARD-FORWARD-FLAG-WGT    A   1.0 F
  1 BD EXPECTED-SELECTED-FLAG-WGT   A   1.0 F
  1 BE ANIMAL-REM-WEIGHT            U  10.0 N
P 1 CH OLD-OBSERVATION-GROUP
  2 CI OLD-OBSERVATION              U   5.0 N
  2 CJ OLD-SITE-OR-QUALIFIER        U   5.0 N
  2 CK OLD-SIZE-OR-COLOR            U   5.0 N
  1 BF WEIGHT-OVERRIDE              A   1.0 F
  1 BI ACTION-OVERRIDE-FLAG-OBS     A   1.0 F
  1 BJ MANUAL-ENTRY-FLAG-OBS        A   1.0 F
  1 BK REMOVAL-ACTION-FLAG-OBS      A   1.0 F
  1 BL BACKWARD-FORWARD-FLAG-OBS    A   1.0 F
  1 BM EXPECTED-SELECTED-FLAG-OBS   A   1.0 F
M 1 BN DISPOSITION-CODE             U   5.0 N
  1 BP TRANSFER-DATE                U   5.0 N
  1 BQ TRANSFER-TIME                U   5.0 N
  1 BR TRANSFER-OPERATOR-ID         U   5.0 N
  1 BS TRANSFER-ERROR-FLAG          A   1.0 F
  1 BT PATHOLOGIST-IDENTIFICATION   U   5.0
  1 BU HISTOLOGY-NUMBER-DATE        U   5.0 N
  1 BV HISTOLOGY-NUMBER-TIME        U   5.0 N
  1 BW HISTOLOGY-NUMBER-OPERATOR-ID U   5.0 N
  1 BY HISTOLOGY-NUMBER-ERROR-FLAG  A   1.0 F
  1 BX HISTOLOGY-NUMBER             A  16.0 N
  1 BZ PATHOLOGIST-TYPE             A   1.0 F
  1 EA REMOVAL-WEIGHT-STATUS        P   5.0 F
P 1 FA OBSERVATION-DATA
  2 FB OBSERVATION                  P   3.0 N
  2 FC SITE                         P   3.0 N
  2 FD EIQUAL1                      P   3.0 N
  2 FE EIQUAL2                      P   3.0 N
  1 AR NO-EXAM-PATHOLOGIST          P   5.0 N
  1 A0 NO-EXAM-OPERATOR-ID          P   5.0 N
  1 A1 NO-EXAM-DATE                 P   5.0 N DE
  1 A2 NO-EXAM-TIME                 P   5.0 N
  1 A3 UNCERTAIN-PATHOLOGIST        P   5.0 N
```

FILE...: ANIMAL-EIS

TYPE...: ADABAS

FILE-NR: 103

PRIMARY SEQUENCE FIELD: EXP-TEST-ANIMAL


```
T L DB NAME                         F   LENG S DE
  1 A4 UNCERTAIN-OPERATOR-ID        P    5.0 N
  1 A5 UNCERTAIN-DATE               P    5.0 N
  1 A6 UNCERTAIN-TIME               P    5.0 N
  1 DP EXP-TEST-ANIMAL-SP           A   12.0   SP
        SOURCE FIELD(S) --- -START- --END-
        EXP-TEST-ANIMAL                 1     7
        EXP-TEST-ANIMAL                12    16


  1 CN EXP-TEST-HOSPITAL-CAGE       A   11.0   SP
        SOURCE FIELD(S) --- -START- --END-
        EXP-TEST-ANIMAL                 1     7
        HOSPITAL-CAGE                   1     4
```

ANIMAL-ID-EIS

Physical layout of file 49. Supports the PAS_ANIMAL_ID view. This is the layout used by which PASGET issues direct calls for PAS validation reports.

```
FILE...: ANIMAL-ID-EIS
TYPE...: ADABAS
FILE-NR: 49
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                       F   LENG S DE
- - -- -- - - --
G 1 TA PAS-ANIMAL-ID
        Not referenced by PASGET.
G 2 TB PAS-KEY
        Not referenced by PASGET.
  3 TC DATA-BASE-KEY              A   9.0   DE
        Used by PASGET to retrieve
        data from the file.
  2 TE DATA-DATE                  A   8.0 N
        Not referenced by PASGET.
  2 TF DATA-TIME                  A   6.0 N
        Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER       B   2.0 N
        Not referenced by PASGET.
  2 TH OPERATOR-ID                B   2.0 N
        Not referenced by PASGET.
G 2 TK CORRECTION
        Not referenced by PASGET.
  3 TL ORG-OR-COR                 A   1.0 F
        Not referenced by PASGET.
  3 TM REASON                     A   78.0 N
        Not referenced by PASGET.
  3 TN COR-DATE                   A   8.0 N
        Not referenced by PASGET.
  3 TO COR-TIME                   A   6.0 N
        Not referenced by PASGET.
G 1 AA STR-ANIMAL-ID-SEG
        Not referenced by PASGET.
  2 BB ID-FLAG                    A   1.0 F
        Retrieved by PASGET for PAS
        validation reports.
  2 CC CID-FLAG                   A   1.0 F
        Retrieved by PASGET for PAS
        validation reports.
```

FILE...: ANIMAL-ID-EIS

TYPE...: ADABAS

FILE-NR: 49

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                          F   LENG S DE

  2 DD ID-CT                         B    2.0 N
        Retrieved by PASGET for PAS
        validation reports.
P 1 EE ANY-ID-INFO
        Retrieved by PASGET for PAS
        validation reports.
  2 FF ANIMAL-ID                     A    1.0 F
        Retrieved by PASGET for PAS
        validation reports.
  2 GG DESCRIPTION                   A   16.0 N
        Retrieved by PASGET for PAS
        validation reports.
```

ANIMAL-NOTE-PEIS

Physical layout of file 110. Supports TD-MICRO-ANIMAL-NOTE view. No current TDMS software accesses this file using direct calls.

```
FILE...: ANIMAL-NOTE-PEIS
TYPE...: ADABAS
FILE-NR: 110
PRIMARY SEQUENCE FIELD: EXP-TEST-ANIMAL-DATE


T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 AA EXP-TEST-ANIMAL-DATE        A   22.0   DE
  1 AB MICRO-ANIMAL-NOTE-TIME      U    5.0
  1 AC MICRO-ANIMAL-NOTE-OPERATOR-ID   U    5.0
  1 AD MICRO-ANIMAL-NOTE-ERROR-FLAG    A    1.0 F
  1 AF MICRO-ANIMAL-NOTE-PATHOLOGIST-ID U    5.0
M 1 AE MICRO-ANIMAL-NOTE           A   80.0 N
  1 AG MICRO-ANIMAL-NOTE-COD-FLAG  A    1.0 F
```

ANIMAL-SUPPLIER-TABLE

Physical layout of animal supplier table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBANMLSU. TBGET uses that layout description to form direct calls to retrieve data from the table for PAS validation reports. This layout corresponds to the view TBANMLSUPPLIER.

```
FILE...: ANIMAL-SUPPLIER-TABLE
TYPE...: ADABAS
FILE-NR: 32
PRIMARY SEQUENCE FIELD: ANML-SUPPLR
```

```
T L DB NAME                       F   LENG S DE
- - -- -- - - --
G 1 FA ANIMAL-SUPPLIER-TABLE
       Refer to TBANMLSUPPLIER.  Not
       referenced by TBGET.
  2 FB ANML-SUPPLR               P   3.0 F UQ
       Refer to TBANMLSUPPLIER.  Key
       used by TBGET to retrieve data
       from table.
  2 FC SUPPLR-TEXT               A  64.0 N
       Refer to  TBANMLSUPPLIER.  Re-
       trieved by TBGET for PAS validation-
       dation reports.
```

BALANCE

Physical layout of file 104. Supports the TD-BALANCE view. No current TDMS software accesses this file using direct calls.

```
FILE...: BALANCE
TYPE...: ADABAS
FILE-NR: 104
PRIMARY SEQUENCE FIELD: BALANCE-NUMBER


T L DB NAME                       F    LENG S DE
- - --  -- - - --
  1 AA BALANCE-NUMBER             N    5.0 F DE
  1 AB AGENCY-NUMBER              N    2.0 F
  1 AC WEIGHT-UNIT-CODE           N    5.0 F
```

BALANCE-CALIBRATION-EIS

Physical layout of file 102. Supports the TD-BALANCE-CALIBRATION view. No current TDMS software accesses this file using direct calls.

```
FILE...: BALANCE-CALIBRATION-EIS
TYPE...: ADABAS
FILE-NR: 102
PRIMARY SEQUENCE FIELD: EXP-TEST-DATE


T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 AA EXP-TEST-DATE               U   12.0   DE
  1 AB BALANCE-NUMBER              U    5.0
P 1 AC CALIBRATION-WEIGHT-DATA
  2 AD CALIBRATION-WEIGHT          U    5.0 N
  2 AE WEIGHT-OVERRIDE             A    1.0 N
  1 AF TIME                        U    5.0
  1 AG OPERATOR-ID                 U    5.0
  1 AH ERROR-FLAG                  A    1.0 F
  1 AI MANUAL-ENTRY-FLAG           A    1.0 F
```

CAGE-CENSUS-EIS

Physical layout of file 44. Supports the PAS_CENSUS view. This is the layout by which PASGET selects data for PAS validation reports .

```
FILE...: CAGE-CENSUS-EIS

TYPE...: ADABAS

FILE-NR: 44

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY



T L DB NAME                    F   LENG S DE
- - --  -- - - --
  1 TC DATA-BASE-KEY           A   9.0   DE
       Used by PASGET to retrieve
       data from this file.
  1 TE DATA-DATE               A   8.0 N
       Not referenced by PASGET.
  1 TF DATA-TIME               A   6.0 N
       Not referenced by PASGET.
  1 TG DATA-FACILITY-NUMBER    B   2.0 F
       Not referenced by PASGET.
  1 TH OPERATOR-ID             B   2.0 F
       Not referenced by PASGET.
G 1 TK CORRECTION
       Not referenced by PASGET.
  2 TL ORG-OR-COR              A   1.0 F
       Not referenced by PASGET.
  2 TM REASON                  A   78.0 N
       Not referenced by PASGET.
  2 TN COR-DATE                A   8.0 N
       Not referenced by PASGET.
  2 TO COR-TIME                A   6.0 N
       Not referenced by PASGET.
  1 BB STARTING-CAGE           B   2.0 F
       Retrieved by PASGET for PAS
       validation reports.
  1 CC ENDING-CAGE             B   2.0 F
       Retrieved by PASGET for PAS
       validation reports.
  1 DD TREATMENT-ID            A   3.0 N
       Retrieved by PASGET for PAS
       validation reports.
  1 EE PROCEDURE-ID            A   3.0 N
       Retrieved by PASGET for PAS
       validation reports.
```

FILE...: CAGE-CENSUS-EIS

TYPE...: ADABAS

FILE-NR: 44

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                       F   LENG S DE

  1 FF WGT-ITEM                    U   3.0 N
       Retrieved by PASGET for PAS
       validation reports.
  1 GG RELATIVE-START              B   2.0 F
       Retrieved by PASGET for PAS
       validation reports.
P 1 HH ANY-ANIMAL-IDS
       Retrieved by PASGET for PAS
       validation reports.
  2 II SSSC-ID                     B   2.0 F
       Retrieved by PASGET for PAS
       validation reports.
  2 JJ NO-ANIMALS                  U   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  1 SD SUPER-KEY                   A   11.0   SP
        SOURCE FIELD(S) --- -START- --END-
       DATA-BASE-KEY                      1     9
       STARTING-CAGE                      1     2


       Used by PASGET to select data
       from the file.
  1 SL AGENCY-EXP-TEST-ENDING-CAGE  A   11.0   SP
        SOURCE FIELD(S) --- -START- --END-
       DATA-BASE-KEY                      1     9
       ENDING-CAGE                        1     2


       Not used by PASGET.
```

CAGE-CONDITION-TABLE

Physical layout of cage condition table. Layout is stored in the Tables Description table with TABLE_NAME set to TBCONDTC. TBGET uses that information to form direct calls which retrieve data from this table for PAS validation reports. This layout correspond to the view TBCONDTC.

```
FILE...: CAGE-CONDITION-TABLE
TYPE...: ADABAS
FILE-NR: 24
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                     F   LENG S DE
- - --  -- - - --
G 1 CT CAGE-CONDITION-TABLE
  2 AA ROW-NUMBER               B   2.0   UQ
     Refer to TBCONDTC.  Not refer-
     enced by TBGET.
  2 BB DATE-ENTERED             A   8.0
     Refer to TBCONDTC.  Not refer-
     enced by TBGET.
  2 CC ACTIVE-INACTIVE          A   1.0 F
     Refer to TBCONDTC.  Not refer-
     enced by TBGET.
  2 DD CODE-VALUE               B   2.0   UQ
     Refer to TBCONDTC.  Key used
     by TBGET to retrieve data
     for PAS validation reports.
  2 EE EE-FILLER                A   1.0 F
     Refer to TBCONDTC.  Not refer-
     enced by TBGET.
  2 FF FF-FILLER                A   1.0 F
     Refer to TBCONDTC.  Not refer-
     enced by TBGET.
  2 GG SHORT-TEXT               A   8.0 N
     Refer to TBCONDTC.  Not refer-
     enced by TBGET.
  2 HH LONG-TEXT                A  32.0 N
     Refer to TBCONDTC.  Retrieved
     by TBGET for PAS validation
     reports.
  2 II II-FILLER                A   1.0 N
     Refer to TBCONDTC.  Not refer-
     enced by TBGET.
```

FILE...: CAGE-CONDITION-TABLE

TYPE...: ADABAS

FILE-NR: 24

PRIMARY SEQUENCE FIELD: CODE-VALUE


```
T L DB NAME                       F   LENG S DE

  2 JJ CAGE-COND-INCOMP           B    2.0 N
        Refer to TBCONDTC.  Not refer-
        enced by TBGET.
```

CAGE-DATA-EIS

Physical layout for file 107. Supports the TD-CAGE-DATA view. No current TDMS software accesses this file using direct calls.

```
FILE...: CAGE-DATA-EIS
TYPE...: ADABAS
FILE-NR: 107
PRIMARY SEQUENCE FIELD: EXP-TEST-CAGE-DATE


T L DB NAME                          F   LENG S DE
- - --  -- - - --
  1 AA EXP-TEST-CAGE-DATE            U   16.0   DE
  1 AY FEEDER-BALANCE-NUMBER         U    5.0 N
  1 BV BOTTLE-BALANCE-NUMBER         U    5.0 N
  1 AB FEEDER-TIME                   U    5.0 N
  1 AC FEEDER-OPERATOR-ID            U    5.0 N
  1 AD FEEDER-ERROR-FLAG             A    1.0 F
  1 AE FEED-CONSUMED-BY-CAGE         U   10.0 N
  1 AF HOURS-FEEDER-IN-CAGE          U    5.0 N
  1 AG AVG-FEED-PER-ANIMAL-HOUR      U   10.0 N
  1 AH FEEDER-ANIMAL-HOURS-USED      U    5.0 N
  1 AI ACTION-OVERRIDE-FLAG-OLD-FEEDER  A   1.0 F
  1 AJ MANUAL-ENTRY-FLAG-OLD-FEEDER  A    1.0 F
  1 AK REMOVAL-ACTION-FLAG-OLD-FEEDER   A   1.0 F
  1 AL BACKWARD-FORWARD-FLAG-OLD-FEEDER A   1.0 F
  1 AM EXPECTED-SELECTED-FLAG-OLD-FEED  A   1.0 F
  1 AN OLD-FEEDER-MIX-NUMBER         U   10.0 N
  1 AO OLD-FEEDER-WEIGHT             U   10.0 N
  1 AP OLD-FEEDER-WEIGHT-OVERRIDE    A    1.0 F
  1 AQ ACTION-OVERRIDE-FLAG-NEW-FEEDER  A   1.0 F
  1 AR MANUAL-ENTRY-FLAG-NEW-FEEDER  A    1.0 F
  1 AS REMOVAL-ACTION-FLAG-NEW-FEEDER   A   1.0 F
  1 AT BACKWARD-FORWARD-FLAG-NEW-FEEDER A   1.0 F
  1 AU EXPECTED-SELECTED-FLAG-NEW-FEED  A   1.0 F
  1 AV NEW-FEEDER-MIX-NUMBER         U   10.0 N
  1 AW NEW-FEEDER-WEIGHT             U   10.0 N
  1 AX NEW-FEEDER-WEIGHT-OVERRIDE    A    1.0 F
  1 CL WATER-TIME                    U    5.0 N
  1 AZ WATER-OPERATOR-ID             U    5.0 N
  1 BA WATER-ERROR-FLAG             A    1.0 F
  1 BB WATER-CONSUMED-BY-CAGE        U   10.0 N
  1 BC AVG-WATER-PER-ANIMAL-HOUR     U   10.0 N
  1 BD HOURS-BOTTLE-IN-CAGE          U    5.0 N
  1 BE BOTTLE-ANIMAL-HOURS-USED      U    5.0 N
  1 BF ACTION-OVERRIDE-FLAG-OLD-BOTTLE  A   1.0 F
```

FILE...: CAGE-DATA-EIS

TYPE...: ADABAS

FILE-NR: 107

PRIMARY SEQUENCE FIELD: EXP-TEST-CAGE-DATE


```
T L DB NAME                             F   LENG S DE


  1 BG MANUAL-ENTRY-FLAG-OLD-BOTTLE     A    1.0 F
  1 BH REMOVAL-ACTION-FLAG-OLD-BOTTLE   A    1.0 F
  1 BI BACKWARD-FORWARD-FLAG-OLD-BOTTLE A    1.0 F
  1 BJ EXPECTED-SELECTED-FLAG-OLD-BOTT  A    1.0 F
  1 BK OLD-BOTTLE-MIX-NUMBER            U   10.0 N
  1 BL OLD-BOTTLE-WEIGHT                U   10.0 N
  1 BM OLD-BOTTLE-WEIGHT-OVERRIDE       A    1.0 F
  1 BN ACTION-OVERRIDE-FLAG-NEW-BOTTLE  A    1.0 F
  1 BO MANUAL-ENTRY-FLAG-NEW-BOTTLE     A    1.0 F
  1 BP REMOVAL-ACTION-FLAG-NEW-BOTTLE   A    1.0 F
  1 BQ BACKWARD-FORWARD-FLAG-NEW-BOTTLE A    1.0 F
  1 BR EXPECTED-SELECTED-FLAG-NEW-BOTT  A    1.0 F
  1 BS NEW-BOTTLE-MIX-NUMBER            U   10.0 N
  1 BT NEW-BOTTLE-WEIGHT                U   10.0 N
  1 BU NEW-BOTTLE-WEIGHT-OVERRIDE       A    1.0 F
  1 CM OBSERVATION-TIME                 U    5.0 N
  1 BW OBSERVATION-OPERATOR-ID          U    5.0 N
  1 BX OBSERVATION-ERROR-FLAG           A    1.0 F
  1 BY ACTION-OVERRIDE-FLAG-OBS         A    1.0 F
  1 BZ MANUAL-ENTRY-FLAG-OBS            A    1.0 F
  1 CA REMOVAL-ACTION-FLAG-OBS          A    1.0 F
  1 CB BACKWARD-FORWARD-FLAG-OBS        A    1.0 F
  1 CC EXPECTED-SELECTED-FLAG-OBS       A    1.0 F
  1 CE MIS-ANIMAL-ID-TYPE               A    1.0 F
  1 CN NOTE-TIME                        U    5.0 N
  1 CF NOTE-OPERATOR-ID                 U    5.0 N
  1 CG NOTE-ERROR-FLAG                  A    1.0 F
  1 CH NOTE-ACTION-NUMBER               U    5.0 N
  1 CI CAGE-NOTE                        A   80.0 N
M 1 CJ CAGE-OBSERVATION                 U    5.0 N
M 1 CK MIS-ANIMAL-IDENTIFICATION        U    5.0 N
  1 CO MISID-ANIMAL-ERROR-FLAG          A    1.0 F
  1 CP MISID-ANIMAL-TIME                U    5.0 N
  1 CQ MISID-ANIMAL-OPERATOR-ID         U    5.0 N
  1 EA OLD-BOTTLE-STATUS                P    5.0 N
  1 EB NEW-BOTTLE-STATUS                P    5.0 N
  1 EC CAGE-NOTE-MANUAL-FLAG            A    1.0 N
```

FILE...: CAGE-DATA-EIS

TYPE...: ADABAS

FILE-NR: 107

PRIMARY SEQUENCE FIELD: EXP-TEST-CAGE-DATE

```
T L DB NAME                          F   LENG S DE
  1 DA FEEDER-SUPERKEY               N   21.0   SP
          SOURCE FIELD(S) --- -START- --END-
          EXP-TEST-CAGE-DATE                1      16
          FEEDER-TIME                       1      5


  1 DB WATER-SUPERKEY                N   21.0   SP
          SOURCE FIELD(S) --- -START- --END-
          EXP-TEST-CAGE-DATE                1      16
          WATER-TIME                        1      5


  1 DC NOTES-SUPERKEY                N   21.0   SP
          SOURCE FIELD(S) --- -START- --END-
          EXP-TEST-CAGE-DATE                1      16
          NOTE-TIME                         1      5
```

CAGE-EIS

Physical layout of file 105. Supports the TD-CAGE view. No current
TDMS software accesses this file using direct calls.

```
FILE...: CAGE-EIS
TYPE...: ADABAS
FILE-NR: 105
PRIMARY SEQUENCE FIELD: EXP-TEST-CAGE


T L DB NAME                      F   LENG S DE
- - --  -- - - --
  1 AA EXP-TEST-CAGE             U   11.0 F DE
  1 AB CAGE-OPERATOR-ID          U    5.0 N
  1 AC CAGE-ERROR-FLAG           A    1.0 F
  1 AD CAGE-DATE                 U    5.0 N
  1 AE CAGE-TIME                 U    5.0 N
  1 AF TREATMENT-NUMBER          U    3.0 F
  1 AG PROCEDURE-ACTION-SET-NUMBER   U    5.0 N
  1 AH START-DATE                U    5.0 N
  1 AI AREA-NUMBER               U    5.0 N
  1 AJ ABORT-DATE                U    5.0 N
  1 AK ABORT-TIME                U    5.0 N
  1 AL ABORT-OPERATOR-ID         U    5.0 N
  1 AM ABORT-ERROR-FLAG          A    1.0 F
  1 AN ABORTED-DATE              U    5.0 N
  1 AO EXP-TEST-TREATMENT        U   10.0   SP
         SOURCE FIELD(S) --- -START- --END-
         EXP-TEST-CAGE                 1      7
         TREATMENT-NUMBER              1      3

  1 AP EXP-TEST-TREATMENT-CAGE   U   14.0   SP
         SOURCE FIELD(S) --- -START- --END-
         EXP-TEST-CAGE                 1      7
         TREATMENT-NUMBER              1      3
         EXP-TEST-CAGE                 8     11

  1 AQ EXP-TEST                  N    7.0   SP
         SOURCE FIELD(S) --- -START- --END-
         EXP-TEST-CAGE                 1      7
```

CALIB-WGTS-EIS

Physical layout of file 60. Supports the PAS_CALI_WGT view.
PASGET uses this layout to issue direct calls for PAS validation reports.

```
FILE...: CALIB-WGTS-EIS
TYPE...: ADABAS
FILE-NR: 60
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F   LENG S DE
- - -- -- - - --
G 1 TA PAS-CALI-WGT
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
       Used by PASGET to retrieve
       data from the file.
  2 TE DATA-DATE                 A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                 A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER      B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID               B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                    A  78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                  A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                  A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-CALIBRATION-SEG
       Not referenced by PASGET.
  2 BB NO-OF-WEIGHINGS           B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 CC CALIBRATION-CT            B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
```

FILE...: CALIB-WGTS-EIS

TYPE...: ADABAS

FILE-NR: 60

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                        F   LENG S DE

P 1 DD CALIBRATION-WT
         Retrieved by PASGET for PAS
         validation reports.
  2 EE CAL-WT-DES                  A   32.0 N
         Retrieved by PASGET for PAS
         validation reports.
  2 FF MAX-WT                      B    4.0 N
         Retrieved by PASGET for PAS
         validation reports.
  2 GG MIN-WT                      B    4.0 N
         Retrieved by PASGET for PAS
         validation reports.
```

CLIN-OBS-GROUP-TABLE

Physical layout of file 36. Supports the TBCLOBSCGRP view. No TDMS software uses this layout to issue direct calls.

FILE...: CLIN-OBS-GROUP-TABLE

TYPE...: ADABAS

FILE-NR: 36

PRIMARY SEQUENCE FIELD: CLNOBS-GROUP

```
T L DB NAME                        F    LENG S DE
- - --   -- - - --
G 1 DA CLINICAL-OBSERVATION-GROUP-TABLE
  2 DB CLNOBS-GROUP                 A    5.0 N UQ
  2 DC CLNOBS-GROUP-SHORT-TEXT      A   14.0 N
  2 DD CLNOBS-GROUP-LONG-TEXT       A   32.0 N
```

CLIN-OBS-INCOMP-TABLE

Physical layout of clinical observation incompatibility table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBCLOBSI. TBGET uses that layout description to form direct calls to retrieve data from the table for PAS validation reports. This layout corresponds to the view TBCLOBSI.

```
FILE...: CLIN-OBS-INCOMP-TABLE
TYPE...: ADABAS
FILE-NR: 26
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                        F   LENG S DE
- - -- -- - - --
G 1 IT CLIN-OBS-INCOMPATIBILITY-TABLE
  2 AA ROW-NUMBER                  B   2.0   UQ
       Refer to TBCLOBSI.  Not refer-
       enced by TBGET.
  2 BB DATE-ENTERED                A   8.0
       Refer to TBCLOBSI.  Not refer-
       enced by TBGET.
  2 CC ACTIVE-INACTIVE             A   1.0 F
       Refer to TBCLOBSI.  Not refer-
       enced by TBGET.
  2 DD CODE-VALUE                  B   2.0   UQ
       Refer to TBCLOBSI.  Not refer-
       enced by TBGET.
  2 EE EE-FILLER                   A   1.0 F
       Refer to TBCLOBSI.  Not refer-
       enced by TBGET.
  2 FF FF-FILLER                   A   1.0 F
       Refer to TBCLOBSI.  Not refer-
       enced by TBGET.
  2 GG LONG-TEXT                   A   32.0 N
       Refer to TBCLOBSI.  Retrieved
       by TBGET for PAS validation
       reports.
  2 HH CLASS-VALUE                 B   2.0   DE
       Refer to TBCLOBSI.  Key by
       which TBGET retrieves data
       from this table.
  2 II TOTAL-CL-VALUE              B   2.0 N
       Refer to TBCLOBSI.  Not refer-
       enced by TBGET.
```

CLIN-OBSERV-EIS

Physical layout of file 48. Supports the PAS_CLINICAL_OBS view.
This is the layout by which PASGET selects data for PAS validation
reports.

```
FILE...: CLIN-OBSERV-EIS
TYPE...: ADABAS
FILE-NR: 48
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 TA PAS-CLINICAL-OBS
      Not referenced by PASGET.
G 2 TB PAS-KEY
      Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
      Used by PASGET to retrieve
      data from the file.
  2 TE DATA-DATE                 A   8.0 N
      Not referenced by PASGET.
  2 TF DATA-TIME                 A   6.0 N
      Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER      B   2.0 N
      Not referenced by PASGET.
  2 TH OPERATOR-ID               B   2.0 N
      Not referenced by PASGET.
G 2 TK CORRECTION
      Not referenced by PASGET.
  3 TL ORG-OR-COR                A   1.0 F
      Not referenced by PASGET.
  3 TM REASON                    A  78.0 N
      Not referenced by PASGET.
  3 TN COR-DATE                  A   8.0 N
      Not referenced by PASGET.
  3 TO COR-TIME                  A   6.0 N
      Not referenced by PASGET.
G 1 AA STR-CLINICAL-OBS-SEG
      Not referenced by PASGET.
  2 BB PAS-OBS-CODE-CT           B   2.0
      Retrieved by PASGET for PAS
      validation reports.
  2 CC PAS-SELECT-SITE-CT        B   2.0 N
      Retrieved by PASGET for PAS
      validation reports.
```

Data Dictionary: TDMS   **434**   **TS-1005-2.2**

FILE...: CLIN-OBSERV-EIS

TYPE...: ADABAS

FILE-NR: 48

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                       F   LENG S DE

  2 DD PAS-SELECT-SIZE-CT         B   2.0 N
         Retrieved by PASGET for PAS
         validation reports.
  2 EE PAS-REM-REASON-CT          B   2.0 N
         Retrieved by PASGET for PAS
         validation reports.
  2 FF PAS-CAGE-COND-CT           B   2.0 N
         Retrieved by PASGET for PAS
         validation reports.
P 1 GG ANY-OBSERVATION
         Retrieved by PASGET for PAS
         validation reports.
  2 HH OBSERVATION-CODE           B   2.0 N
         Retrieved by PASGET for PAS
         validation reports.
  2 II SITE-REQ                   A   1.0
         Retrieved by PASGET for PAS
         validation reports.
  2 JJ SIZE-REQ                   A   1.0
         Retrieved by PASGET for PAS
         validation reports.
M 1 LL SITE-CODE                  B   2.0
         Retrieved by PASGET for PAS
         validation reports.
M 1 MM SIZE-CODE                  B   2.0
         Retrieved by PASGET for PAS
         validation reports.
M 1 NN REMOVAL-CODE               B   2.0
         Retrieved by PASGET for PAS
         validation reports.
M 1 OO CAGE-COND-CODE             B   2.0
         Retrieved by PASGET for PAS
         validation reports.
```

CLINICAL-OBS-TABLE

Physical layout of clinical observation table. The layout is also stored in the Tables Description table with the field TABLE_NAME set to TBCLOBSC. That information is used by TBGET to form direct calls against this table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBCLOBSC.

```
FILE...: CLINICAL-OBS-TABLE

TYPE...: ADABAS

FILE-NR: 25

PRIMARY SEQUENCE FIELD: CODE-VALUE



T L DB NAME                        F   LENG S DE
- - --  -- - - --

G 1 CT CLINICAL-OBSERVATION-TABLE
  2 AA ROW-NUMBER                   B   2.0   UQ
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 BB DATE-ENTERED                 A   8.0
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 CC ACTIVE-INACTIVE              A   1.0 F
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 DD CODE-VALUE                   B   2.0 F UQ
       Refer to TBCLOBSC.  Key used
       by TBGET to retrieve data from
       table.
  2 EE EE-FILLER                    A   1.0 F
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 FF FF-FILLER                    A   1.0 F
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 GG SUBSET-INDICATOR             A   1.0 F
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 HH SHORT-TEXT                   A   14.0   DE
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 II LONG-TEXT                    A   33.0
       Refer to TBCLOBSC.  Retrieved
       by TBGET for EIS/PEIS and PAS
       validation reports.
```

```
FILE...: CLINICAL-OBS-TABLE
TYPE...: ADABAS
FILE-NR: 25
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                      F   LENG S DE

  2 JJ JJ-FILLER                 A   1.0 N
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 KK CLASS-VALUE               B   2.0 N
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 LL INCOMPAT-TOTAL            B   2.0 N
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 MM SEX-FLAG                  A   1.0 F
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 NN MULTI-SELECT-FLAG         A   1.0 N
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  2 OO NON-CHG-FLAG              A   1.0 N
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  1 PP CLNOBS-GROUP              P   3.0 N
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
M 1 QQ EIQUAL-GROUP              P   3.0 N
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
M 1 RR EISITE-NUM                P   3.0 N
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
  1 TT EIQUAL-GROUP-NUM          P   3.0 N DE
       Refer to TBCLOBSC.  Not refer-
       enced by TBGET.
```

CORRECTION-DATA

This is the physical layout of correction data. The physical file supports the views for each of the 20 correction segments. In-life correction segments are reported in EIS report 22; pathology correction segments are not reported at all. File contains only correction data since the introduction of LDAS. Prior correction data is found in TD-CORRECTION-REASON.

```
FILE...: CORRECTION-DATA
TYPE...: ADABAS
FILE-NR: 87
PRIMARY SEQUENCE FIELD:


T L DB NAME                         F   LENG S DE
- - --  -- - - --
  1 AA ANC-ANIMAL-NOTE-CORR-KEY-UQ     A  36.0 N UQ
       Primary key for ANIMAL-NOTE-
       CORRECTION.
  1 AB ANC-ANIMAL-NOTE-CORR-KEY-LINK-UQ A  36.0 N UQ
       Link key for ANIMAL-NOTE-COR-
       RECTION.
  1 AC AOC-ANIMAL-OBS-CORR-KEY-UQ      A  36.0 N UQ
       Primary key for ANIMAL-OBSER-
       VATION-CORRECTION.
  1 AD AOC-ANIMAL-OBS-CORR-KEY-LINK-UQ A  36.0 N UQ
       Link key for ANIMAL-OBSERVA-
       TION-CORRECTION.
  1 AE ARC-ANIMAL-REM-CORR-KEY-UQ      A  26.0 N UQ
       Primary key for ANIMAL-REMOV-
       AL-CORRECTION.
  1 AF ARC-ANIMAL-REM-CORR-KEY-LINK-UQ A  26.0 N UQ
       Link key for ANIMAL-REMOVAL-
       CORRECTION.
  1 AG ATC-ANIMAL-TRAN-CORR-KEY-UQ     A  26.0 N UQ
       Primary key for ANIMAL-TRANS-
       FER-CORRECTION.
  1 AH ATC-ANIMAL-TRAN-CORR-KEY-LINK-UQ A  26.0 N UQ
       Link key for ANIMAL-TRANSFER-
       CORRECTION.
  1 AI AWC-ANIMAL-WGT-CORR-KEY-UQ      A  36.0 N UQ
       Primary key for ANIMAL-WEIGHT-
       CORRECTION.
  1 AJ AWC-ANIMAL-WGT-CORR-KEY-LINK-UQ A  36.0 N UQ
       Link key for ANIMAL-WEIGHT-
```

FILE...: CORRECTION-DATA
TYPE...: ADABAS
FILE-NR: 87
PRIMARY SEQUENCE FIELD:

T L DB NAME   F   LENG S DE

      CORRECTION.
  1 AK AAC-ANY-ANIMAL-CORR-KEY-UQ   A   26.0 N UQ
      Primary key for ANY-ANIMAL-
      CORRECTION.
  1 AL AAC-ANY-ANIMAL-CORR-KEY-LINK-UQ A   26.0 N UQ
      Link key for ANY-ANIMAL-COR-
      RECTION.
  1 AM AMC-MICRO-ORG-CORR-KEY-UQ   A   32.0 N UQ
      Primary key for ANY-MICRO-OR-
      GAN-CORRECTION.
  1 AN AMC-MICRO-ORG-CORR-KEY-LINK-UQ   A   32.0 N UQ
      Link key for ANY-MICRO-ORGAN-
      CORRECTION.
  1 AO BWC-BOTTLE-WGT-CORR-KEY-UQ   A   31.0 N UQ
      Primary key for BOTTLE-WEIGHT-
      CORRECTION.
  1 AP BWC-BOTTLE-WGT-CORR-KEY-LINK-UQ A   31.0 N UQ
      Link key for BOTTLE-WEIGHT-
      CORRECTION.
  1 AQ CIC-CAGE-ID-CORR-KEY-UQ   A   21.0 N UQ
      Primary key for CAGE-ID-COR-
      RECTION.
  1 AR CIC-CAGE-ID-CORR-KEY-LINK-UQ   A   21.0 N UQ
      Link key for CAGE-ID-CORREC-
      TION.
  1 AS CNC-CAGE-NOTE-CORR-KEY-UQ   A   31.0 N UQ
      Primary key for CAGE-NOTE-COR-
      RECTION.
  1 AT CNC-CAGE-NOTE-CORR-KEY-LINK-UQ A   31.0 N UQ
      Link key for CAGE-NOTE-CORREC-
      TION.
  1 AU FWC-FEEDER-WGT-CORR-KEY-UQ   A   31.0 N UQ
      Primary key for FEEDER-WEIGHT-
      CORRECTION.
  1 AV FWC-FEEDER-WGT-CORR-KEY-LINK-UQ A   31.0 N UQ
      Link key for FEEDER-WEIGHT-
      CORRECTION.

```
FILE...: CORRECTION-DATA
TYPE...: ADABAS
FILE-NR: 87
PRIMARY SEQUENCE FIELD:


T L DB NAME                          F   LENG S DE
  1 AW HIC-HISTOLOGY-CORR-KEY-UQ     A   26.0 N UQ
         Primary key for HISTOLOGY-NUM-
         BER-CORRECTION.
  1 AX HIC-HISTOLOGY-CORR-KEY-LINK-UQ A  26.0 N UQ
         Link key for HISTOLOGY-NUMBER-
         CORRECTION.
  1 AY MAC-MICRO-ANI-NOTE-CORR-KEY-UQ A  37.0 N UQ
         Primary key for ANIMAL-MICRO-
         NOTES-CORRECTION.
  1 AZ MAC-MICRO-ANI-NTE-COR-KEY-LNK-UQ A 37.0 N UQ
         Link key for ANIMAL-MICRO-
         NOTES-CORRECTION.
  1 BA MOC-MICRO-OBS-CORR-KEY-UQ     A   42.0 N UQ
         Primary key for ANY-MICRO-OBS-
         CORRECTION.
  1 BB MOC-MICRO-OBS-CORR-KEY-LINK-UQ A  42.0 N UQ
         Link key for ANY-MICRO-OBS-
         CORRECTION.
  1 BC SSC-MICRO-SITE-CORR-KEY-UQ    A   42.0 N UQ
         Primary key for MICRO-SITE-
         STATUS-CORRECTION.
  1 BD SSC-MICRO-SITE-CORR-KEY-LINK-UQ A 42.0 N UQ
         Link key for MICRO-SITE-STAT-
         US-CORRECTION.
  1 BE ONC-ORGAN-NOTE-CORR-KEY-UQ    A   42.0 N UQ
         Primay key for ORGAN-NOTES-
         CORRECTION.
  1 BF ONC-ORGAN-NOTE-CORR-KEY-LINK-UQ A 42.0 N UQ
         Link key for ORGAN-NOTES-COR-
         RECTION.
  1 BG TNC-TEST-NOTE-CORR-KEY-UQ     A   27.0 N UQ
         Primary key for TEST-NOTE-COR-
         RECTION.
  1 BH TNC-TEST-NOTE-CORR-KEY-LINK-UQ A  27.0 N UQ
         Link key for TEST-NOTE-CORREC-
         TION.
  1 BI TGC-TREAT-NOTE-CORR-KEY-UQ    A   30.0 N UQ
         Primary key for TREAT-NOTE-
         CORRECTION.
  1 BJ TGC-TREAT-NOTE-CORR-KEY-LINK-UQ A 30.0 N UQ
         Link key for TREAT-NOTE-COR-
         RECTION.
```

```
FILE...: CORRECTION-DATA
TYPE...: ADABAS
FILE-NR: 87
PRIMARY SEQUENCE FIELD:


T L DB NAME                          F   LENG S DE

  1 CA CORRECTION-OPERATOR-ID        P    3.0 F
        ID of operator who made cor-
        rection.  Common to all cor-
        rection segments.
  1 CB CORRECTION-REASON             A    2.0 F
        Correction reason code as-
        signed to correction.  Common
        to all segments.
  1 CC CORRECTION-NOTE               A   79.0 N
        Description of correction.
        Common to all segments.
  1 CD CORRECTION-TYPE               A    1.0 F
        Type of correction, A for add,
        C for change, D for delete.
        Common to all segments.
  1 DA FLAG1                         A    1.0 F
        Field used in ANY-ANIMAL-,
        CAGE-ID-, ANIMAL-OBSERVATION-,
        ANIMAL-WEIGHT-, ANIMAL-NOTE-,
        FEEDER-WEIGHT-, CAGE-NOTE-,
        BOTTLE-WEIGHT-,ANIMAL-REMOV-
        AL-, HISTOLOGY-NUMBER-, ANY-
        MICRO-OBS-, and MICRO-ANIMAL-
        NOTES-CORRECTION segments.
  1 DB FLAG2                         A    1.0 F
        Field used in ANY-ANIMAL-,
        ANIMAL-REMOVAL-, BOTTLE-
        WEIGHT-, and FEEDER-WEIGHT-
        CORRECTION segments.
  1 DC FLAG3                         A    1.0 F
        Field used in ANIMAL-REMOVAL-
        CORRECTION.
  1 DD CORR-REASON                   A    2.0 N
        Correction reason code for
        CAGE-ID-, and HISTOLOGY-NUM-
        BER-CORRECTION.
```

```
FILE...: CORRECTION-DATA
TYPE...: ADABAS
FILE-NR: 87
PRIMARY SEQUENCE FIELD:


T L DB NAME                         F   LENG S DE
  1 DE CARCASS-IDENTIFICATION       A   14.0 N
         Used in ANIMAL-REMOVAL-CORREC-
         TION.
  1 DF HISTOLOGY-NUMBER             A   16.0 N
         Used in HISTOLOGY-NUMBER-COR-
         RECTION.
  1 DH CORR-NOTE                    A   79.0 N
         Used in CAGE-ID-, and HISTO-
         LOGY-NUMBER-CORRECTION.
M 1 DI SHORT-NOTE                   A   80.0 N
         Used in ANIMAL-NOTE-, CAGE-
         NOTE-, MICRO-ANIMAL-NOTES-,
         and ORGAN-NOTE-CORRECTION.
  1 DJ LONG-NOTE                    A  160.0 N
         Used in TEST-NOTE-, and TREAT-
         NOTE-CORRECTION.
  1 EA TREATMENT-NUMBER             P    3.0 N
         Used in CAGE-ID-CORRECTION.
  1 ED NUMBER1                      P    3.0 N
         Common to all correction seg-
         ments.
  1 EE NUMBER2                      P    3.0 N
         Used in ANY-ANIMAL-, ANY-MIC-
         RO-ORGAN-, ANIMAL-REMOVAL-,
         ANIMAL-TRANSFER-, ANIMAL-
         WEIGHT-, BOTTLE-WEIGHT-, CAGE-
         ID-, FEEDER-WEIGHT-, HISTOLO-
         GY-NUMBER-, MICRO-ANIMAL-
         NOTES-, ANY-MICRO-OBS-, NOT-
         EXAMINED-, ORGAN-NOTE-, MICRO-
         SITE-STATUS-, and UNCERTAIN-
         CORRECTION.
  1 EF NUMBER3                      P    3.0 N
         Used in ANY-ANIMAL-, ANY-MIC-
         RO-ORGAN-, ANIMAL-REMOVAL-,
         ANIMAL-TRANSFER-, CAGE-ID-,
         HISTOLOGY-NUMBER-, ANY-MICRO-
         OBS-, NOT-EXAMINED-, MICRO-
         SITE-STATUS-, and UNCERTAIN-
         CORRECTION.
  1 EG NUMBER4                      P    3.0 N
         Used in ANY-ANIMAL-, ANY-MIC-
```

FILE...: CORRECTION-DATA
TYPE...: ADABAS
FILE-NR: 87
PRIMARY SEQUENCE FIELD:


```
T L DB NAME                      F   LENG S DE

      RO-ORGAN-, ANIMAL-REMOVAL-,
      ANIMAL-TRANSFER-, CAGE-ID-,
      HISTOLOGY-NUMBER-, NOT-EXAM-
      INED-, MICRO-SITE-STATUS-,
      and UNCERTAIN-CORRECTION.
  1 EH NUMBER5                    P   3.0 N
      Used by ANY-ANIMAL-, ANY-MIC-
      RO-ORGAN-, ANIMAL-REMOVAL-,
      CAGE-ID-, and HISTOLOGY-NUM-
      BER-CORRECTION.
  1 EI NUMBER6                    P   3.0 N
      Used by ANY-ANIMAL-, ANIMAL-
      REMOVAL-, CAGE-ID-, and ANY-
      MICRO-OBS-CORRECTION.
  1 EJ NUMBER7                    P   3.0 N
      Used by ANY-ANIMAL-, CAGE-ID-,
      and ANY-MICRO-OBS-CORRECTION.
  1 EL WEIGHT1                    P   7.0 N
      Used by ANIMAL-REMOVAL-, ANI-
      MAL-WEIGHT, BOTTLE-WEIGHT-,
      and FEEDER-WEIGHT-CORRECTION.
  1 EM WEIGHT2                    P   7.0 N
      Used by BOTTLE-WEIGHT- and
      FEEDER-WEIGHT-CORRECTION.
P 1 FA OBSERVATION-DATA
      Used by ANIMAL-OBSERVATION-
      and ANIMAL-REMOVAL-CORRECTION.
  2 FB OBSERVATION                P   3.0 N
      Used by ANIMAL-OBSERVATION-
      and ANIMAL-REMOVAL-CORRECTION.
  2 FC SITE                       P   3.0 N
      Used by ANIMAL-OBSERVATION-
      and ANIMAL-REMOVAL-CORRECTION.
  2 FD EIQUAL1                    P   3.0 N
      Used by ANIMAL-OBSERVATION-
      and ANIMAL-REMOVAL-CORRECTION.
  2 FE EIQUAL2                    P   3.0 N
      Used by ANIMAL-OBSERVATION-
```

FILE...: CORRECTION-DATA
TYPE...: ADABAS
FILE-NR: 87
PRIMARY SEQUENCE FIELD:

```
T L DB NAME                        F   LENG S DE
        and ANIMAL-REMOVAL-CORRECTION.
M 1 FF PATHOLOGY-QUALIFIER          P   3.0 N
        Used in ANY-MICRO-OBS-CORREC-
        TION.
M 1 FG PATHOLOGY-SITE               P   3.0 N
        Used in ANY-MICRO-OBS-CORREC-
        TION.
  1 FH UCC-UNCERTAIN-CORR-KEY-UQ    A  26.0 N UQ
        Primary key for UNCERTAIN-COR-
        RECTION.
  1 FI UCC-UNCERTAIN-CORR-KEY-LINK-UQ A 26.0 N UQ
        Link key for UNCERTAIN-CORREC-
        TION.
  1 FJ NEC-NO-EXAM-CORR-KEY-UQ      A  26.0 N UQ
        Primary key for NOT-EXAMINED-
        CORRECTION.
  1 FK NEC-NO-EXAM-CORR-KEY-LINK-UQ A  26.0 N UQ
        Link key for NOT-EXAMINED-COR-
        RECTION.
```

DATABASE-TRANSACTION

Physical/logical layout of transaction super-table, which embraces 21 user views. Each view corresponds to one of the transaction types that UPDATE will process. This file is updated by both RECEIVE and ECS. The file design is not programmer-friendly as it maintains the older VSAM file structure.

```
FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 AC HEADER
       Group embracing fields that
       are common to most segments.
  2 AA SEGMENT-ID               A   2.0 F
       Two-letter segment identifier.
       Not referenced by Update; in-
       formational only.
  2 AB MICRO-OR-ECS-FLAG        A   1.0 F
       Identifier for source of
       transaction.  A - LDAS,
       E - Mainframe ECS.  Used by
       Update to generate Update
       statistics report.
  2 AE TOX-MICRO-DATE           B   2.0 F
       The date, in TDMS TOX format,
       on which the source set for
       the transaction was created.
       Not referenced by Update.
  2 AF TOX-MICRO-TIME           B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set for the transac-
       was created.  Not refer-
       enced by Update.
  2 AG MICRO-TRANS-SET          B   2.0 F
       The number of the transac-
       tion's source set.  Not refer-
       enced by Update.
  2 AI TOX-MAINFRAME-DATE       B   2.0 F
       The date, in TDMS TOX date
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                       F   LENG S DE

       format, on which the source
       set was received.  Not refer-
       enced by Update.
  2 AJ TOX-MAINFRAME-TIME          B   2.0 F
       The time of day, in TDMS TOX
       time format, on which the
       source set was received.  Not
       referenced by Update.
  2 AL AGENCY-NUMBER               B   2.0 F
       Always 5, for NIH/NIEHS/NTP
       Not referenced by Update.
  2 AP ENTRY-OPERATOR-NUMBER       B   2.0 F
       When the transaction is a corresponds-
       rection, this indicates the
       operator ID for the person
       making the correction.
  2 AS SOFTWARE-VERSION            B   2.0 F
       The version of LDAS under
       which the source set was
       generated.  Not referenced by
       Update.
  2 AT TOX-DATA-DATE               B   2.0 F
       The date, in TDMS TOX date
       format, on which the trans-
       action was created.
  2 AU TOX-DATA-TIME               B   2.0 F
       The time of day, in TDMS TOX
       time format, at which the
       transaction was created.
  2 AV DATA-FACILITY-NUMBER        B   2.0 F
       The facility associated with
       the machine on which the
       source set was created.  Not
       referenced by Update.
  2 AW OPERATOR-OR-PATHOLOGIST     B   2.0 F
       For an original in-life trans-
       action, the ID of the op-
       erator who created the trans-
       action.  For an original path-
       ology transaction, this is the
       operator ID of the pathologist
```

```
FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                         F   LENG S DE
```

```
       who is assigned to the test.
       For corrections, this is the
       ID of the operator who origi-
       nally made the record being
       corrected.
  2 AX PROCESS-FLAG                  A    2.0 F
       Two-letter identifier for the
       type of transaction. The first
       digit can be A, C, or D, which
       signifies add, change, or del-
       ete, respectively.  The second
       digit is either blank, indica-
       ting an original transaction,
       or 'A', indicating an audit
       transaction.
  2 AZ DATA-BASE-KEY-LENGTH          B    2.0 F
       The number of digits being
       used in the DATA-BASE-KEY
       field.  Not referenced by Up-
       date.
  2 A0 NUMBER-OF-TREE-KEY-LEVELS     B    2.0 F
       The number of two-byte binary
       segments of the SEGMENT-TREE-
       KEY field being used.
  2 A2 DATA-BASE-INDICATOR           A    1.0 F
       Indicates sub-system.  2 for
       in-life, 3 for pathology, and
       1 for balance calibration.
  2 A3 DATA-BASE-KEY                 A   14.0 F
       Indicates the master record
       to which the transaction ap-
       plies.  For example, for an
       animal observation transac-
       , this field would con-
       tain the test and animal num-
       ber.
  2 A4 SEGMENT-TREE-KEY              B   20.0 F
       This field is parsed into 10
       2-byte binary sub-fields.
       Different segments use these
       sub-fields differently.  The
       number being used for a trans-
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                         F    LENG S DE


        action is defined in the
        NUMBER-OF-TREE-KEY-LEVELS
        field.
G 1 A5 CAGE-ID-DATA
        Group embracing fields speci-
        fic to the cage ID segment.
        Identified by SEGMENT-ID = CI.
  2 A6 TREATMENT-NUMBER             B    2.0 N
        The number of the treatment
        group to which the cage is
        assigned.  Loaded by Update
        into the TDC-TREATMENT-NUMBER
        field in the TD-CAGE file.
  2 A7 CONTROL-TREATMENT-FLAG       A    1.0 N
        Alphabetic identifier of the
        role of the cage's treatment
        group.  Not processed by Up-
        date.
  2 A8 PROCEDURE-ACTION-SET-NUMBER  B    2.0 N
        The procedure action set that
        applies to the cage, as de-
        fined in test protocol.  Load-
        ed by Update into the field
        TDC-PROCEDURE-ACTION-SET-NUM
        of file TD-CAGE.
  2 A9 TEST-TYPE                    B    2.0 N
        The test type for the test.
        Loaded by Update into the
        field TDT-TEST-TYPE of the
        TD-TEST file.
  2 BA DOSE-DATE                    B    2.0 N
        The first dosing date for the
        cage, in TDMS TOX date format.
        Loaded by Update into the
        field TDC-START-DATE of file
        TD-CAGE.
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F   LENG S DE

  2 BB AREA-NUMBER                    B   2.0 N
       The lab room where the cage is
       located, as defined in test
       protocol.  Loaded by Update
       into the field TDC-AREA-NUMBER
       of file TD-CAGE.
G 1 BC ANY-ANIMAL-DATA
       Group embracing all fields
       specific to the animal alloca-
       segment.  Identified by
       SEGMENT-ID = AA.
  2 BE ANIMAL-NUMBER                  B   2.0 N
       The number of the animal being
       allocated.  Redundant field.
       Update uses same value, which
       is stored in SEGMENT-TREE-KEY.
  2 BF ANIMAL-ID                      A   1.0 N
       Not loaded by RECEIVE.  Used
       by mainframe ECS to correct
       old TDA-ANIMAL-IDENTIFICATION
       values in TD-ANIMAL.  However,
       that field was never assigned
       values by any version of TDMS.
  2 BG SEX                            A   1.0 N
       Sex of animal as defined in
       test protocol.  Loaded by
       Update into the TDA-SEX field
       of the TD-ANIMAL file. M for
       male; F for female.
  2 BH SPECIES                        B   2.0 N
       The species code of the animal
       as defined in test protocol.
       Loaded by Update into the TDA-
       SPECIES field of the TD-ANIMAL
       file.  4 for mice; 10000 for
       rats; 20000 for hamsters.
  2 BI STRAIN                         B   2.0 N
       The strain code of the animal
       as defined in test protocol.
       Loaded by Update into the TDA-
       STRAIN field of the TD-ANIMAL
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F   LENG S DE


      file.  5-99, mice strains;
      10001-10099, rat strains;
      20001-20099, hamster strains.
  2 BJ SUBSTRAIN                      B   2.0 N
      The substrain code of the animal-
      mal as defined in test proto-
      col.  Loaded by Update into
      the TDA-SUBSTRAIN field of the
      TD-ANIMAL file.
  2 BK ANIMAL-CLASS                   B   2.0 N
      The animal class code as de-
      fined in test protocol.  Load-
      ed by Update into the TDA-
      ANIMAL-CLASS fields of the
      TD-ANIMAL file.
G 1 BL BALANCE-CALIBRATION-DATA
      Group embracing segment-speci-
      fic fields of balance calibra-
      transactions.  Identified
      by SEGMENT-ID = BC.
  2 BN BALANCE-NUMBER                 B   2.0 N
      Number of the balance whose
      calibration weights are re-
      corded in the transaction.
      Loaded by Update into the
      TDF-BALANCE-NUMBER-DE field of
      the TD-BALANCE-CALIBRATION
      file and, if it is a new
      balance, into the TDB-BALANCE-
      NUMBER-UQ field of the TD-
      BALANCE file.
  2 BP CALIBRATION-WEIGHT-MANUAL      A   1.0 N
      Flag indicating whether the
      calibration weights were en-
      tered manually.  Loaded by
      Update into the TDF-CALI-
      MANUAL-FLAG field of the TD-
      BALANCE-CALIBRATION file.
```

FILE...: DATABASE-TRANSACTION

TYPE...: ADABAS

FILE-NR: 86

PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


```
T L DB NAME                        F   LENG S DE


P 1 BQ BALANCE-CALIBRATION-WEIGHT-DATA
        Repeating group, which is not
        a group at all, containing
        only calibration weights.
  2 BR CALIBRATION-WEIGHT          B   2.0 N
        The calibration weights re-
        corded automatically or man-
        ually on LDAS.  Loaded into
        the TDF-CALIBRATION-WEIGHT
        field of the TD-BALANCE-
        CALIBRATION file.
G 1 BT OBSERVATION-DATA
        Group embracing segment-speci-
        fic,non-periodic group fields
        of animal observation trans-
        actions.  Identified by SEG-
        MENT-ID = AO.  (There is only
        one field in this group.)
  2 BV MANUAL-ANIMAL-OBSERVATION-FLAG  A   1.0 N
        Flag indicating whether the
        observation was entered during
        a manual entry session.  0 -
        No; 1 - Yes.  Loaded by Update
        into the TDD-MANUAL-ENTRY-
        FLAG-OBS field of the TD-ANI-
        MAL-DATA file.
P 1 BY ALL-ANIMAL-OBSERVATION-SETS
        Repeating group embracing segment-
        ment-specific transactions of
        both the animal observation
        and animal removal segments.,
        identified by SEGMENT-ID =
        AO and AR, respectively.
  2 BZ ANIMAL-OBSERVATION-NUM      B   2.0 N
        Code for clinical sign object-
        served on animal.  Loaded by
        Update into the TDD-OBSERVA-
        TION and TDA-OBSERVATION
        fields of the TD-ANIMAL-DATA
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F   LENG S DE


      and TD-ANIMAL files, respec-
      tively.
  2 B0 ANIMAL-OBSERVATION-SITE       B   2.0 N
      Code for site of clinical sign
      when that sign requires that
      a site be specified.  Loaded
      by Update into the TDD-SITE in
      the TD-ANIMAL-DATA file and
      the TDA-SITE field of the TD-
      ANIMAL file.
  2 B1 ANIMAL-OBSERVATION-QUALIFIER-1  B   2.0 N
      Code for the size of the clin-
      ical sign when that sign re-
      quires that a size be speci-
      fied.  Loaded by Update into
      the TDD-EIQUAL1 field of the
      TD-ANIMAL-DATA file and the
      TDA-EIQUAL1 of the TD-ANIMAL
      file.
  2 B2 ANIMAL-OBSERVATION-QUALIFIER-2  B   2.0 N
      Code for the count of the
      clinical sign when that sign
      requires that count be speci-
      fied.  Loaded by Update into
      the TDD-EIQUAL2 field of the
      TD-ANIMAL-DATA file and the
      TDA-EIQUAL2 of the TD-ANIMAL
      file.
G 1 B3 ANIMAL-WEIGHT-DATA
      Group embracing segment-speci-
      fic fields of animal weight
      transactions.  Identified by
      SEGMENT-ID = AW.
  2 B5 ANIMAL-MANUAL-WEIGHT-FLAG     A   1.0 N
      Flag indicating whether animal
      weight was manually entered.
      0 - Automatically recorded
      from attached scale 1 - Man-
      ually entered.  Loaded by
      Update into the TDD-MANUAL-
      ENTRY-FLAG-WGT field of the
      TD-ANIMAL-DATA file.
```

```
FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                              F    LENG S DE



  2 B7 ANIMAL-WEIGHT-STATUS            P    3.0 N
        When no weight is recorded,
        status code that explains why
        weight was not recorded.
        Loaded by Update into the
        field TDD-WEIGHT-STATUS of the
        TD-ANIMAL-DATA file.
  2 B8 ANIMAL-WEIGHT                   B    4.0 N
        Weight of animal, expressed in
        decigrams.  Loaded by Update
        into the TDD-ANIMAL-WEIGHT of
        the TD-ANIMAL-DATA file.
G 1 B9 CONTAINER-WEIGHT-DATA
        Group embracing segment-speci-
        fic fields of feeder and bot-
        tle weight transactions.
        Identified by SEGMENT-ID = FW
        and BW.
  2 CB OLD-CONTAINER-MANUAL-WEIGHT-FLAG A   1.0 N
        Flag indicating whether used
        container weight was recorded
        manually.  0 - Automatically
        recorded by attached scale;
        1 - Entered manually.  Loaded
        by Update into the TDG-MANUAL-
        ENTRY-FLAG-OLD-BOTT and TDG-
        -MANUAL-ENTRY-FLAG-OLD-FEED
        fields in the TD-CAGE-DATA
        file.
  2 CD OLD-CONTAINER-WEIGHT            B    4.0 N
        Weight, in decigrams, of used
        container.  Loaded by Update
        into the TDG-OLD-FEEDER-
        WEIGHT and TDG-OLD-BOTTLE-
        WEIGHT fields in the TD-CAGE-
        DATA file.
```

Data Dictionary: TDMS   **453**   **TS-1005-2.2**

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE

  2 CF NEW-CONTAINER-MANUAL-WEIGHT-FLAG A   1.0 N
       Flag indicating whether full
       container weight was recorded
       manually. 0 - Automatically
       recorded by attached scale;
       1 - Recorded manually.  Loaded
       by Update into the TDG-MANUAL-
       ENTRY-FLAG-NEW-BOTT and TDG-
       MANUAL-ENTRY-FLAG-NEW-FEED in
       the TD-CAGE-DATA files.
  2 CH NEW-CONTAINER-WEIGHT         B   4.0 N
       Weight, in decigrams, of the
       full container.  Loaded by
       Update into the TDG-NEW-FEED-
       ER-WEIGHT and TDG-NEW-BOTTLE-
       WEIGHT in the TD-CAGE-DATA
       file.
  2 CJ OLD-CONTAINER-STATUS         P   3.0 N
       Weight status code indicating
       reason why used weight was not
       recorded.  Loaded by Update
       into the TDG-OLD-FEEDER-STATUS
       and TDG-OLD-FEEDER-STATUS in
       the TD-CAGE-DATA file.
G 1 CT INLIFE-NOTE-DATA
       Group embracing segment-speci-
       fic fields of in-life animal
       and cage note transactions.
       Identified by SEGMENT-ID = AN
       and CN.
  2 CV INLIFE-NOTE                  A  80.0 N
       Free text entered by operator
       modifying or explaining animal
       or cage data.  Loaded by Up-
       date into the TDD-ANIMAL-NOTE
       of the TD-ANIMAL-DATA file and
       the TDG-CAGE-NOTE field of the
       TD-CAGE-DATA file.
  2 CW INLIFE-NOTE-MANUAL-FLAG      A   1.0 N
       Flag indicating whether note
       was entered as part of a man-
       ual entry session.  0 - En-
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F   LENG S DE
```

```
            tered as part of an entry
            session of schedule actions;
            1 - Entered as part of a man-
            ual entry session.  Loaded
            by Update into the TDD-MANUAL-
            ENTRY-FLAG-NOTE and TDG-CAGE-
            NOTE-MANUAL-FLAG of the TD-
            ANIMAL-DATA and TD-CAGE-DATA
            files, respectively.
G 1 CX ANIMAL-TRANSFER-DATA
            Group embracing segment-speci-
            fic fields in animal transfer
            transactions, identified by
            SEGMENT-ID = AT.
  2 CY NEW-CAGE-NUMBER              P    3.0 N
            Number of cage to which the
            animal is being transferred.
            Loaded by Update into the
            TDA-HOSPITAL-CAGE-DE field of
            the TD-ANIMAL file.
  2 CZ TOX-ALLOCATION-DATE          B    2.0 N
            The date, in TDMS TOX date
            format, on which the animal
            was transferred to the new
            cage.  Loaded by Update into
            the TDA-TRANSFER-DATE field of
            the TD-ANIMAL file.
  2 C0 TOX-ALLOCATION-TIME          B    2.0 N
            The time of day, in TDMS TOX
            time format, at which the
            animal was transferred.  Load-
            ed by Update into the TDA-
            TRANSFER-TIME of the TD-ANIMAL
            file.
G 1 C1 ANIMAL-REMOVAL-DATA
            Group embracing segment-speci-
            fic, non-repeating group,
            fields in animal removal
```

Data Dictionary: TDMS   **455**   **TS-1005-2.2**

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE
```

```
       transactions.  Identified by
       SEGMENT-ID = AR.
  2 C3 CARCASS-IDENTIFICATION      A   14.0 N
       Alternative identifer for
       animal. The first 2 digits are
       05 for agency; next 7 digits
       are the test number; the last
       5 are animal number.  (For
       very old tests, the last 5
       digits may be constructed as
       the 4-digit cage number plus
       a sequential cage identifier
       within the cage, up to 5.)
       Loaded by Update into the
       TDA-CARCASS-IDENTIFICATION-DE
       field of the TD-ANIMAL file.
  2 C5 MANUAL-REMOVAL-FLAG         A    1.0 N
       Flag indicating whether remov-
       al was recorded as part of a
       manual entry session.  0 - No;
       1 - Yes.  Loaded by Update
       into TDA-MANUAL-ENTRY-FLAG-
       REM field of the TD-ANIMAL
       file.
  2 C8 DAYS-ON-EXPERIMENT          B    2.0 N
       Dynamically calculated value
       equal to the removal date min-
       us the start date of the animal-
       mals cage.  For LDAS tests,
       this value is the same as
       days-on-dose.  Loaded by Up-
       date into the TDA-DAYS-ON-
       EXPERIMENT field of the TD-
       ANIMAL file.
  2 DA MANUAL-REMOVAL-WEIGHT-FLAG  A    1.0 N
       Flag indicating whether remov-
       al weight was recorded as part
       of a manual entry session.  0-
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F   LENG S DE


       No; 1 - Yes.  Loaded by Update
       into TDA-MANUAL-ENTRY-FLAG-
       WGT field of the TD-ANIMAL
       file.
  2 DC REMOVAL-WEIGHT-STATUS         P   3.0 N
       Weight status code indicating
       the reason for which a remov-
       al weight was not taken.
       Loaded by Update into the
       TDA-REM-WEIGHT-STATUS field of
       the TD-ANIMAL file.
  2 DD REMOVAL-WEIGHT               B   4.0 N
       Weight, in decigrams, of the
       animal at removal.  Loaded by
       Update into the TDA-ANIMAL-
       REM-WEIGHT field of the TD-
       ANIMAL file.
  2 DF REMOVAL-REASON               B   2.0 N
       Code indicating reason for
       removal.  Loaded by Update
       into the TDA-REASON-FOR-REMOV-
       AL-DE field of the TD-ANIMAL
       file.
  2 DH MANUAL-REMOVAL-OBSERVATION-FLAG A   1.0 N
       Flag indicating whether remov-
       al observations were recorded
       as part of a manual entry ses-
       sion. 0 - No; 1 - Yes.  Loaded
       by Update into the TDA-MANUAL-
       ENTRY-FLAG-OBS field of the
       TD-ANIMAL file.
G 1 DJ HISTOLOGY-NUMBER-DATA
       Group embracing segment-speci-
       fic fields of histology number
       transactions.  Identified by
       SEGMENT-ID = HN.
  2 DK HISTOLOGY-OPERATOR           B   2.0 N
       ID for operator assigning
       histology number.  Loaded by
       Update into the TDA-HISTOLOGY-
       NUM-OPERATOR-ID field of the
       TD-ANIMAL file.
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                           F   LENG S DE


  2 DL HISTOLOGY-NUMBER               A   16.0 N
        Lab-specific identification
        number for carcasses.  Loaded
        by Update into TDA-HISTOLOGY-
        NUMBER field of TD-ANIMAL file
G 1 DR ANY-MICRO-ORGAN-DATA
        Group embracing segment-speci-
        fic fields in organ status
        transactions.  Identified by
        SEGMENT-ID = AM.
  2 DS MICRO-ORGAN-OPERATOR           B    2.0 N
        ID of operator assigning
        organ status.  Loaded by Up-
        date into the TDO-ORGAN-
        STATUS-OPERATOR-ID of the TD-
        ORGAN file.
  2 DU STATUS-NUMBER                  B    2.0 N
        Status of organ being micro-
        scopically evaluated.  Loaded
        by Update into the TDO-ORGAN-
        STATUS field of the TD-ORGAN
        file.
G 1 DV MICRO-OBSERVATION-DATA
        Group embracing segment-speci-
        fic fields of microscopic object-
        servation transactions.
        Identified by SEGMENT-ID = MO.
  2 DW MICRO-OBSERVATION-OPERATOR     B    2.0 N
        ID of operator who recorded
        the microscopic observation.
        Loaded by Update into the
        TDH-MICRO-OBS-OPERATOR-ID
        field of the TD-ORGAN-DATA
        file.
  2 DY PRIMARY-SITE                   B    2.0 N
        Organ from which the micro-
        scopic observation metasta-
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                          F    LENG S DE


       sized.  (Blank indicates that
       organ is original site.)
       Loaded by Update into the
       TDH-PRIMARY-SITE of the TD-
       ORGAN-DATA file.
  2 FR TRACE-LESION-NUMBER           B    2.0 N
       No meaning in TDMS.  However,
       it is referenced by ECS and
       Update.
  2 D1 MORPHOLOGY-NUMBER             B    2.0 N
       Morphology being microscopic-
       ally observed.  Loaded by
       Update into the TDH-OBSERVA-
       TION-MORPHOLOGY-DE field of
       the TD-ORGAN-DATA file.
M 2 D2 QUALIFIER-NUMBER              B    2.0 N
       Multiple-entry field contain-
       ing qualifiers that describe
       morphology being observed.
       Loaded by Update into the
       multiple-entry field TDH-
       OBSERVATION-QUALIFIER of the
       TD-ORGAN-DATA file.  Up to 4
       entries per field.
M 2 D3 SITE-NUMBER                   B    2.0 N
       Multiple-entry field contain-
       ing sites on the organ being
       observed where the morphology
       was detected.  Loaded by Up-
       date into the TDH-OBSERVATION-
       SITE field of the TD-ORGAN-
       DATA file.  Up to 3 entries
       per field.
  2 D4 CAUSE-OF-DEATH-FLAG           A    1.0 N
       Flag indicating whether the
       observation caused the death
       of the animal.  C for contri-
       butory; P for primary.  Load-
       by Update into the TDH-COD-
       FLAG field of the TD-ORGAN-
       DATA file.
G 1 D5 PATHOLOGY-NOTE-DATA
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                           F   LENG S DE


      Group embracing segment-speci-
      fic fields of organ and path-
      ology animal note transac-
      tions.  Identified by SEGMENT-
      ID = ON or MN, respectively.
  2 D6 PATHOLOGY-NOTE-OPERATOR         B   2.0 N
      ID of operator recording the
      note.  Loaded by Update into
      the TDH-ORGAN-NOTE-OPERATOR-
      ID field of the TD-ORGAN-DATA
      file or the TDM-OPERATOR-
      IDENTIFICATION field of the
      TD-MICRO-ANIMAL-NOTE field.
M 2 D8 PATHOLOGY-NOTE                  A   80.0 N
      Free text describing a micro-
      scopically evaluated animal
      or organ.  Loaded by Update
      into the TDH-ORGAN-NOTE field
      of the TDH-ORGAN-DATA field or
      the TDM-MICRO-ANIMAL-NOTE
      field of the TD-MICRO-ANIMAL-
      NOTE file.
G 1 EL MICRO-SITE-STATUS-DATA
      Legacy group embracing all
      segment-specific fields in
      site status transactions.
      Site status transactions are
      not generated by LDAS.  Any
      MODCOMP site status informa-
      is required to be con-
      verted to organ status be-
      fore modification.  Identified
      by SEGMENT-ID = SS.
  2 EM MICRO-SITE-STATUS-OPERATOR-ID   B   2.0 N
      Id for operator assigning
      site status.  Loaded by
      Update into the TDO-SITE-STAT-
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE


      US-OPERATOR-ID field of the
      TD-ORGAN file.
  2 EN MICRO-SITE                  B   2.0 N
      Organ-Site for which a status
      is being assigned.  Loaded by
      Update into the TDO-SITE-CODE
      field of the TD-ORGAN file.
  2 EO MICRO-SITE-STATUS           B   2.0 N
      Status of the organ-site being
      evaluated.  Loaded by Update
      into the TDO-SITE-STATUS
      field of the TD-ORGAN file.
G 1 FF NO-EXAM-UCOD-DATA
      Group embracing segment-speci-
      fic fields in "not examined"
      or "uncertain cause-of-death"
      transactions.  Identified by
      SEGMENT-ID = NE or UC, respec-
      tively.
  2 FG NO-EXAM-UCOD-STUDY          A   7.0 N
      TDMS test number to which the
      observation applies.
  2 FH NO-EXAM-UCOD-ANIMAL-NUM     P   3.0 N
      Number of animal being class-
      ified as either not examined
      or having uncertain cause-of-
      death.
  2 FI NO-EXAM-UCOD-PATHOLOGIST    P   3.0 N
      Operator ID of the pathologist
      assigned to the test.  Loaded
      by Update into the TDA-NO-
      EXAM-PATHOLOGIST or TDA-UNCER-
      TAIN-PATHOLOGIST in the TD-
      ANIMAL file.
G 1 FK TEST-NOTE-DATA
      Group embracing segment-speci-
      fic fields in test note trans-
      actions.  Identified by SEG-
      MENT-ID = TN.
  2 FL TEST-STUDY                  A   7.0 N
      The TDMS test number to which
      the note applies.
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                           F   LENG S DE


  2 FM TEST-NOTE                      A  160.0 N
       Free text commenting on some
       aspect of a test.  Loaded by
       Update into the TDS-NOTE-TEXT
       field of the TD-TEST-NOTE file
G 1 FN TREAT-NOTE-DATA
       Group embracing segment-speci-
       fic fields of treatment group
       note transactions.  Indenti-
       fied by SEGMENT-ID = TG
  2 FO TREAT-STUDY                     A    7.0 N
       The study to which the note
       applies.
  2 FP TREAT-GROUP                     A    3.0 N
       The ID of the treatment group
       to which the note applies.
  2 FQ TREAT-NOTE                      A  160.0 N
       Free text commenting on some
       aspect of a treatment group.
       Loaded by Update into the TDT-
       NOTE-TEXT field of the TD-
       TREATMENT-NOTE file.
G 1 EP CORRECTION-PORTION
       Group embracing segment-common
       correction fields.
  2 EQ CORRECTION-DATE                 P    3.0 N
       Date, in TDMS TOX date format,
       on which correction was made.
       Used by Update, along with
       CORRECTION-TIME, in forming
       primary key of correction
       record.
  2 ER CORRECTION-TIME                 P    3.0 N
       Time of day, in TDMS TOX time
       format, at which correction
       was made.  Used by Update,
       along with CORRECTION-DATE,
       in forming primary key of
       correction record.
  2 ES CORRECTION-REASON               A    2.0 N
       Code for correction reason.
```

```
FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY


T L DB NAME                          F   LENG S DE



      Loaded by Update into corresponds-
      ponding field in correction
      record.
  2 ET CORRECTION-NOTE               A   79.0 N
      Free text describing the corresponds-
      rection.  Loaded by Update in-
      to corresponding fields in
      correction segments.
  2 EU CORRECTION-TYPE               A    1.0 N
      Single letter indicating type
      of correction. A-Add, C-Change
      D-Delete
  2 EV CAGE-CORRECTION-KEY           A   21.0 N DE
      Key for Cage Correction segment-
      ment.  Elements of which the
      key is comprised are: the
      value that will be the seven-
      digit test number, the four-
      digit cage number, the
      CORRECTION-DATE field, and the
      CORRECTION-TIME field.  If the
      cage number is being changed,
      then this value will be load-
      ed by Update into the CIC-
      CAGE-ID-CORR-LINK-UQ field of
      the CAGE-ID-CORRECTION file.
  2 EX ANIMAL-CORRECTION-KEY         A   26.0 N DE
      Key for animal allocation,
      animal transfer, animal remov-
      al, histology number, not ex-
      amined, and uncertain cause-
      of-death correction records.
      The elements of the key are:
      test number (7), cage (4), and
      animal number (5), CORRECTION-
      DATE, and CORRECTION-TIME.  If
      the non-CORRECTION elements
```

```
FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY
```

```
T L DB NAME                        F   LENG S DE

       are being changed, Update will
       load the field into the CORR-
       LINK field appropriate for the
       segment.
  2 EY TEST-NOTE-CORRECTION-KEY      A   27.0 N DE
       Key for test note correction
       records.   The elements of the
       key are: test number (7), note
       date (5), note time (5),
       CORRECTION-DATE, and CORREC-
       TION TIME.  If the non-CORREC-
       TION elements are being
       changed, Update will load the
       load the TNC-TEST-NOTE-CORR-
       KEY-LINK-UQ field of the TEST-
       NOTE-CORRECTION file.
       segment.
  2 EZ TREAT-NOTE-CORRECTION-KEY     A   30.0 N DE
       Key for treatment group note
       corrections.  Elements of key
       are: test number (7), treat-
       ment group ID (3), note date
       (5), note time (5), CORREC-
       TION-DATE, and CORRECTION-
       TIME.  If the non-CORRECTION
       elements are being changed,
       Update will load the key
       into the TGC-TREAT-NOTE-CORR-
       LINK-KEY-UQ field of the
       TREAT-NOTE-CORRECTION file.
  2 FA CAGE-DATA-CORRECTION-KEY      A   31.0 N DE
       Key for feeder weight, bottle
       weight, and cage note correc-
       tions.  The elements of the
       key are: test number (7), cage
       number (4), observation date
       (5), observation time (5),
       CORRECTION-DATE, and CORREC-
       TION-TIME.  If the non-CORREC-
       TION fields are being changed,
       then Update will load the key
       into the CORR-KEY-LINK field
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                       F   LENG S DE
```

```
        appropriate for the segment.
  2 FB ORGAN-CORRECTION-KEY        A   32.0 N DE
        Key for organ status and site
        status correction segments.
        The elements of the key are:
        test number (7), cage number
        (4), animal number (5), organ
        code (5), pathologist code
        (1),  CORRECTION-DATE, and
        CORRECTION-TIME.  If any of
        the non-CORRECTION elements
        are being changed, then Update
        loads the key into the appro-
        priate CORR-KEY-LINK field
        for the segment.
  2 FC ANIMAL-DATA-CORRECTION-KEY  A   36.0 N DE
        The key for the animal obser-
        vation, animal weight, and
        animal note correction segment-
        ments.  The elements of the
        key are: test number (7), cage
        number (4), animal number (5),
        observation date (5), observa-
        time (5), CORRECTION-
        DATE, and CORRECTION-TIME.
        If any of the non-CORRECTION
        elements are changed, then Up-
        date loads the key into the
        CORR-KEY-LINK field of the
        appropriate correction segment-
        ment.
  2 FD PATH-NOTE-CORRECTION-KEY    A   37.0 N DE
        Key for pathology animal note
        corrections.  Elements of the
        key are: test number (7), cage
        number (4), animal number (5),
        pathologist code (1), note
```

FILE...: DATABASE-TRANSACTION
TYPE...: ADABAS
FILE-NR: 86
PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE


        date (5), note time (5), COR-
        RECTION-DATE, and CORRECTION-
        TIME. If the non-CORRECTION
        elements are changed, then Up-
        date loads the key into the
        MAC-MICRO-ANI-NTE-COR-KEY-LNK-
        UQ field of the ANIMAL-MICRO-
        NOTE-CORRECTION file.
  2 FE ORGAN-DATA-CORRECTION-KEY     A   42.0 N DE
        Key used for micro observation
        and organ note corrections.
        Elements of the field are:
        test number (7), cage number
        (4), animal number (5), organ
        code (5), pathologist code
        (1), observation date (5),
        observation time (5), CORREC-
        TION-DATE (5), and CORRECTION-
        TIME.  If any of the non-COR-
        RECTION elements are being
        changed, then Update will
        load the key into the CORR-
        KEY-LINK field of the appro-
        priate correction segment.
  1 EW RECEIVE-UPDATE-KEY            A   54.0 N DE
        Unique key for database trans-
        actions.  Elements of key are:
        SEGMENT-ID, MICRO-OR-ECS-FLAG,
        applicable segment key (27),
        observation date (5), obser-
        vation time (5), receive date
        (5), receive time (5), and
        sequence number (4).
  1 GA ANY-ANIMAL-KEY                A    9.0 N SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                     3     9
        ANIMAL-NUMBER                     1     2

        Super-key whose elements are
        the test number (7) and the
        animal (B2).
```

FILE...: DATABASE-TRANSACTION

TYPE...: ADABAS

FILE-NR: 86

PRIMARY SEQUENCE FIELD: RECEIVE-UPDATE-KEY

```
T L DB NAME                        F   LENG S DE


  1 GB BAL-CAL-SUPERKEY            A   37.0 N SP
        SOURCE FIELD(S) --- -START- --END-
      DATA-BASE-KEY                    3      9
      BALANCE-NUMBER                   1      2
      TOX-DATA-DATE                    1      2
      TOX-DATA-TIME                    1      2
      RECEIVE-UPDATE-KEY              31     54


      Super-key used to identify
      whether there is an existing
      record to which the calibra-
      should be appended.
```

DESTINATION-TABLE

Physical layout of file 35. Supports the DESTINATION_TBLE view.
No TDMS software uses physical layout to issue direct calls.

```
FILE...: DESTINATION-TABLE

TYPE...: ADABAS

FILE-NR: 35

PRIMARY SEQUENCE FIELD: TABLE-DESTINATION



T L DB NAME                      F   LENG S DE
- - --  -- - - --
  1 AA TABLE-DEST-TYPE           A    1.0 F
  1 AB TABLE-DESTINATION         A   10.0 N DE
  1 AC TABLE-FACILITY            U    5.0 N UQ
```

DOSE-ROUTE-TABLE

Physical layout of Dose Route table. This layout is also stored in the
Tables Description table with the field TABLE_NAME set to
TBDOSRTE. TBGET uses that layout description to form direct calls
to retrieve data from the table for EIS/PEIS and PAS validation reports.
This layout corresponds to the view TBDOSRTE.

```
FILE...: DOSE-ROUTE-TABLE
TYPE...: ADABAS
FILE-NR: 18
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 DT DOSE-ROUTE-TABLE
  2 AA ROW-NUMBER                B   2.0   UQ
       Refer to TBDOSRTE.  Not
       referenced by TBGET.
  2 BB DATE-ENTERED              A   8.0
       Refer to TBDOSRTE.  Not
       referenced by TBGET.
  2 CC ACTIVE-INACTIVE           A   1.0 F
       Refer to TBDOSRTE.  Not
       referenced by TBGET.
  2 DD CODE-VALUE                B   2.0   UQ
       Refer to TBDOSRTE.  Key by
       which TBGET retrieves data
       from this table.
  2 EE EE-FILLER                 A   1.0 F
       Refer to TBDOSRTE.  Not
       referenced by TBGET.
  2 FF FF-FILLER                 A   1.0 F
       Refer to TBDOSRTE.  Not
       referenced by TBGET.
  2 GG LONG-TEXT                 A   32.0 N
       Refer to TBDOSRTE.  Used by
       TBGET for EIS/PEIS and PAS
       validation reports.
  2 HH SHORT-TEXT                A   8.0 N
       Refer to TBDOSRTE.  Not
       referenced by TBGET.
  2 II GENERAL-ROUTE             B   2.0 N
       Refer to TBDOSRTE.  Used by
       TBGET for PAS validation re-
       ports.
```

FACILITY-CHEMICAL-EIS

Physical layout of file 59. Supports the PAS_FAC_CHEM view.
PASGET uses this layout to issue direct calls for PAS validation and
EIS/PEIS reports.

```
FILE...: FACILITY-CHEMICAL-EIS
TYPE...: ADABAS
FILE-NR: 59
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                        F   LENG S DE
- - --  -- - - --
G 1 TA PAS-FAC-CHEM
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY               A   9.0   DE
       Not referenced by PASGET.
  2 TE DATA-DATE                   A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                   A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER        B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID                 B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                  A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                      A  78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                    A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                    A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-FAC-CHEM-SEG
       Not referenced by PASGET.
  2 BB TEST-TYPE                   B   2.0 N DE
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  2 CC DOSE-RT                     B   2.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
```

FILE...: FACILITY-CHEMICAL-EIS

TYPE...: ADABAS

FILE-NR: 59

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                       F   LENG S DE


      PEIS reports.
  2 DD FACILITY-ID               B   2.0 N DE
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
  2 EE FACILITY-NAME             A  54.0 N
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
  2 FF PRIN-INV                  A  32.0 N
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
  2 GG CONTRACT-1                A  12.0 N
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
  2 HH CONTRACT-2                A  12.0 N
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
M 2 II HAZARD-TXT                A  64.0 N
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
  2 JJ TEST-COMPOUND-CT          B   2.0 N
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
P 1 KK ANY-TEST-COMPOUND
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
  2 LL NTP                       A   6.0 N
      Retrieved by PASGET for PAS
      validation reports and EIS/
      PEIS reports.
```

FILE...: FACILITY-CHEMICAL-EIS

TYPE...: ADABAS

FILE-NR: 59

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                         F   LENG S DE
  2 MM CAS                          A   12.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  2 NN COMPOUND                     A   54.0 N DE
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  1 OO LOCK-DATE                    P    3.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  1 PP LOCK-ENTRY-DATE              P    3.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  1 QQ LOCK-OPER-ID                 P    3.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  1 RR ANML-SUPPLR                  P    3.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  1 SS PROTO-REQ-TIS-FLAG           A    1.0 N
       Not referenced by PASGET.
```

FACILITY-TABLE

Physical layout of facility table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBFACLTY. TBGET uses that layout description to form direct calls to retrieve data from the table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBFACLTY.

```
FILE...: FACILITY-TABLE
TYPE...: ADABAS
FILE-NR: 27
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 FT FACILITIES-TABLE
  2 AA ROW-NUMBER                B   2.0   UQ
       Refer to TBFACLTY.  Not refer-
       enced by TBGET.
  2 BB DATE-ENTERED              A   8.0
       Refer to TBFACLTY.  Not refer-
       enced by TBGET.
  2 CC ACTIVE-INACTIVE           A   1.0 F
       Refer to TBFACLTY.  Not refer-
       enced by TBGET.
  2 DD CODE-VALUE                B   2.0   UQ
       Refer to TBFACLTY.  Key used
       by TBGET to retrieve data from
       table.
  2 EE EE-FILLER                 A   1.0 F
       Refer to TBFACLTY.  Not refer-
       enced by TBGET.
  2 FF FF-FILLER                 A   1.0 F
       Refer to TBFACLTY.  Not refer-
       enced by TBGET.
  2 GG CHAR-ENTRY-CODE           A   5.0 N
       Refer to TBFACLTY.  Not refer-
       enced by TBGET.
  2 HH LONG-TEXT                 A   50.0 N DE
       Refer to TBFACLTY.  Retrieved
       by TBGET for PAS validation
       reports.
  2 II CITY-STATE                A   25.0 N
       Refer to TBFACLTY.  Not refer-
       enced by TBGET.
```

FILE...: FACILITY-TABLE

TYPE...: ADABAS

FILE-NR: 27

PRIMARY SEQUENCE FIELD: CODE-VALUE


```
T L DB NAME                      F   LENG S DE

  2 JJ SHORT-TEXT                A   23.0 N
       Refer to TBFACLTY.  Retrieved
       by TBGET for EIS/PEIS reports.
  1 KK LAB-CODE                  A    2.0 N DE
       Refer to TBFACLTY.  Not refer-
       enced by TBGET.
```

IN-LIFE-TERMS-TABLE

Physical layout of in-life terms table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBINLIFE. TBGET can use that layout description to form direct calls to retrieve data from the table, but does not. This layout corresponds to the view TBINLIFETERMS.

```
FILE...: IN-LIFE-TERMS-TABLE

TYPE...: ADABAS

FILE-NR: 33

PRIMARY SEQUENCE FIELD: TERM-NUM


T L DB NAME                      F   LENG S DE
- - -- -- - - --
G 1 GL IN-LIFE-TERMS-TABLE
      Refer to TBINLIFETERMS.  Not
      referenced by TBGET.
  2 GM TERM-NUM                   P   3.0 N UQ
      Refer to TBINLIFETERMS.  Not
      referenced by TBGET.
  2 GN DEFINE-TEXT                A  200.0 N
      Refer to TBINLIFETERMS.. Not
      referenced by TBGET.
```

LOAD-WEIGHT-EIS

Physical layout of file 47. Supports the PAS_LOAD_WT view. This is the layout by which PASGET selects data for PAS validation reports.

```
FILE...: LOAD-WEIGHT-EIS
TYPE...: ADABAS
FILE-NR: 47
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 TA PAS-LOAD-WT
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY              A   9.0   DE
       Used by PASGET to retrieve
       data from this file.
  2 TE DATA-DATE                  A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                  A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER       B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID                B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                 A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                     A  78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                   A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                   A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-LOAD-WT-SEG
       Not referenced by PASGET.
  2 BB SSSC-ID                    B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 CC SPECIES-CODE               B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
```

FILE...: LOAD-WEIGHT-EIS
TYPE...: ADABAS
FILE-NR: 47
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                         F   LENG S DE

  2 DD STRAIN-CODE                  B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 EE SUBSTRAIN-CODE               B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 FF CLASS-CODE                   B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 GG SEX-OF-ANIMAL                A   1.0 F
        Retrieved by PASGET for PAS
        validation reports.
  2 HH NO-ANIMALS                   B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 II DESIRED-AGE                  B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 JJ HI-ALLOCATION-WEIGHT         B   4.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 KK LO-ALLOCATION-WEIGHT         B   4.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 LL WT-DEVIATION                 B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 MM MAX-TEST-WT                  B   4.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 NN MIN-TEST-WT                  B   4.0 N
        Retrieved by PASGET for PAS
        validation reports.
  1 SD SUPER-KEY                    A  11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                    1     9
        SSSC-ID                          1     2
```

Data Dictionary: TDMS   **477**   **TS-1005-2.2**

FILE...: LOAD-WEIGHT-EIS

TYPE...: ADABAS

FILE-NR: 47

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE
        Used by PASGET to select data
        from the file.
```

MASTER

Physical layout of file 40. Supports the PAS_MASTER view. This is the layout by which PASGET selects data for PAS validation reports and EIS/PEIS reports.

```
FILE...: MASTER
TYPE...: ADABAS
FILE-NR: 40
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 TA PAS-MASTER
      Not referenced by PASGET.
G 2 TB PAS-KEY
      Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
      Selected and retrieved by PAS-
      GET for PAS validation and
      EIS/PEIS reports.
P 1 TD DOWNLOAD-INFO
      Not referenced by PASGET.
  2 TE DOWNLOAD-DATE             A   8.0 N
      Not referenced by PASGET.
  2 TF DOWNLOAD-TIME             A   6.0 N
      Not referenced by PASGET.
```

MICRO-PROC-PEIS

Physical layout of file 56. Supports the PAS_MICRO_PROC view. No
TDMS software uses this layout to issue direct calls.

```
FILE...: MICRO-PROC-PEIS
TYPE...: ADABAS
FILE-NR: 56
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                    F   LENG S DE
- - --  -- - - --
G 1 TA PAS-MICRO-PROC
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY           A   9.0   DE
       Not referenced by PASGET.
  2 TE DATA-DATE               A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME               A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER    B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID             B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR              A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                  A   78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-MICRO-PROC-SEG
       Not referenced by PASGET.
  2 BB MICRO-PROC-CT           B   2.0 N
       Not referenced by PASGET.
M 2 CC MICRO-PROC-CHAR         A   65.0 N
       Not referenced by PASGET.
```

MICRO-TABLE-PEIS

Physical layout of file 58. Supports the PAS_MCRO_PTH_TBL view.
PASGET uses this layout to issue direct calls for PAS validation reports.

```
FILE...: MICRO-TABLE-PEIS

TYPE...: ADABAS

FILE-NR: 58

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY



T L DB NAME                     F   LENG S DE
- - --  -- - - --
G 1 TA PAS-MICRO-PATH-TABLES
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY            A   9.0   DE
       Used by PASGET to retrieve
       data from the file.
  2 TE DATA-DATE                A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER     B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID              B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR               A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                   A  78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                 A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                 A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-MICRO-PATH-TABLES-SEQ
       Not referenced by PASGET.
  2 BB P-STAIN-CT               B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 CC P-COD-COM-CT             B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
```

FILE...: MICRO-TABLE-PEIS

TYPE...: ADABAS

FILE-NR: 58

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F    LENG S DE

  2 DD P-QUALIFIER-CT              B    2.0 N
        Retrieved by PASGET for PAS
        validation report.
M 2 EE STAIN-CODE                  B    2.0 N
        Retrieved by PASGET for PAS
        validation reports.
M 2 FF COD-COM-CODE                B    2.0 N
        Retrieved by PASGET for PAS
        validation reports.
M 2 GG QUALIFIER-CODE              B    2.0 N
        Retrieved by PASGET for PAS
        validation reports.
```

MODCOMP-CORRECTION-DATA

> Physical layout of file 109. Supports the TD-CORRECTION-REASON view. No TDMS software accesses this file using direct calls.

```
FILE...: MODCOMP-CORRECTION-DATA
TYPE...: ADABAS
FILE-NR: 109
PRIMARY SEQUENCE FIELD: CORRECTION-KEY


T L DB NAME                        F   LENG S DE
- - -- -- - - --
  1 AA CORRECTION-KEY              A   29.0   DE
  1 AC CORRECTION-SEQUENCE-NUMBER  U    2.0
M 1 AD CORRECTION-REASON           A   80.0 N
  1 AE CORRECTION-DATE             U    5.0
  1 AF CORRECTION-TIME             U    5.0
  1 AG CORRECTION-OPERATOR-ID      U    5.0
  1 AH EXP-TEST-CAGE               A   11.0   SB
       SOURCE FIELD(S) --- -START- --END-
       CORRECTION-KEY                3     13
```

MORPHOLOGIES-PEIS

Physical layout of file 53. Supports the PAS_MORPHOLOGIES view.
PASGET uses this layout to issue direct calls for PAS validation reports.

```
FILE...: MORPHOLOGIES-PEIS

TYPE...: ADABAS

FILE-NR: 53

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                     F   LENG S DE
- - --  -- - - --
G 1 TA PAS-MORPHOLOGIES
      Not referenced by PASGET.
G 2 TB PAS-KEY
      Not referenced by PASGET.
  3 TC DATA-BASE-KEY            A   9.0   DE
      Used by PASGET to retrieve
      data from the file.
  2 TE DATA-DATE                A   8.0 N
      Not referenced by PASGET.
  2 TF DATA-TIME                A   6.0 N
      Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER     B   2.0 N
      Not referenced by PASGET.
  2 TH OPERATOR-ID              B   2.0 N
      Not referenced by PASGET.
G 2 TK CORRECTION
      Not referenced by PASGET.
  3 TL ORG-OR-COR               A   1.0 F
      Not referenced by PASGET.
  3 TM REASON                   A   78.0 N
      Not referenced by PASGET.
  3 TN COR-DATE                 A   8.0 N
      Not referenced by PASGET.
  3 TO COR-TIME                 A   6.0 N
      Not referenced by PASGET.
G 1 AA STR-MORPHOLOGIES-SEG
      Not referenced by PASGET.
  2 BB ORGAN-CODE               B   2.0
      Retrieved by PASGET for PAS
      validation reports.
  2 CC NON-NEO-MOPRH-CT         B   2.0 N
      Retrieved by PASGET for PAS
      validation reports.
```

FILE...: MORPHOLOGIES-PEIS
TYPE...: ADABAS
FILE-NR: 53
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                      F   LENG S DE

  2 DD NEO-MORPH-CT              B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
P 1 EE ANY-NON-NEOPLASTIC
        Retrieved by PASGET for PAS
        validation reports.
  2 FF MORPHOLOGY-CODE-NON       B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 GG QUALIFIER-FLAG-NON        A   1.0 F
        Retrieved by PASGET for PAS
        validation reports.
P 1 HH ANY-NEOPLASTIC-GRP
        Retrieved by PASGET for PAS
        validation reports.
  2 II MORPHOLOGY-CODE           B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  2 JJ QUALIFIER-FLAG            A   1.0 F
        Retrieved by PASGET for PAS
        validation reports.
  1 SD SUPER-KEY                 A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                  1      9
        ORGAN-CODE                     1      2


        Used by PASGET to select data
        from the file.
```

OPERATOR-ID-TABLE

Physical layout for operator table. Supports TB_OPERATOR_ID user
view.

FILE...: OPERATOR-ID-TABLE

TYPE...: ADABAS

FILE-NR: 14

PRIMARY SEQUENCE FIELD: OPERATOR-ID

```
T L DB NAME                      F   LENG S DE
- - -- -- - - --
  1 AA OPERATOR-ID               U   9.0    UQ
  1 AC OP-ID-PASSWORD            A   8.0 N
  1 AE OP-ID-FAC-ACCESS          B   2.0 N
  1 AF OP-ID-AGENCY              B   2.0 N
  1 AG OP-ID-STARUSER            A   8.0 N DE
P 1 AH OP-ID-USER-INFO
  2 AI OP-ID-USER-START-DATE     A   8.0 N
  2 AJ OP-ID-USER-STOP-DATE      A   8.0 N
  2 AK OP-ID-USER-NAME           A  32.0 N DE
```

ORGAN-DATA-PEIS

Physical layout of file 108. Supports the TD-ORGAN-DATA view. No current TDMS software accesses this file using direct calls.

```
FILE...: ORGAN-DATA-PEIS
TYPE...: ADABAS
FILE-NR: 108
PRIMARY SEQUENCE FIELD: EXP-TEST-ANIMAL-ORGAN-DATE


T L DB NAME                            F   LENG S DE
- - --  -- - - --
  1 AA EXP-TEST-ANIMAL-ORGAN-DATE      A   27.0   DE
  1 AB MICRO-OBS-TIME                  U    5.0 N
  1 AC MICRO-OBS-OPERATOR-ID           U    5.0 N
  1 AD MICRO-OBS-ERROR-FLAG            A    1.0 F
  1 AE MICRO-OBS-PRIMARY-SITE          U    5.0 N
  1 AF MICRO-OBS-MORPHOLOGY            U    5.0 N
  1 AV MICRO-OBS-MORPH-GENERIC-TYPE    U    5.0 N
  1 AW MICRO-OBS-NEOPLASTIC-FLAG       A    1.0 F
M 1 AG MICRO-OBS-QUALIFIER             U    5.0 N
  1 AX MICRO-OBS-TRACE-LESION-NUMBER   U    5.0 N
M 1 AH MICRO-OBS-SITE                  U    5.0 N
  1 AI ORGAN-NOTE-OPERATOR-ID          U    5.0 N
  1 AR ORGAN-NOTE-TIME                 U    5.0 N
  1 AJ ORGAN-NOTE-ERROR-FLAG           A    1.0 F
M 1 AK ORGAN-NOTE                      A   80.0 N
  1 AL ORGAN-STAIN-OPERATOR-ID         U    5.0 N
  1 AS ORGAN-STAIN-TIME                U    5.0 N
  1 AM ORGAN-STAIN-ERROR-FLAG          A    1.0 F
P 1 AT ORGAN-STAIN-INFORMATION
  2 AN ORGAN-STAIN                      U    5.0 N
  2 AU ORGAN-STAIN-CONTRIBUTORY-FLAG   A    1.0 N
  1 AO MICRO-OBS-PATHOLOGIST-ID        U    5.0 N
  1 AP ORGAN-NOTE-PATHOLOGIST-ID       U    5.0 N
  1 AQ ORGAN-STAIN-PATHOLOGIST-ID      U    5.0 N
  1 BA MICRO-OBS-COD-FLAG              A    1.0 F
  1 UB EXP-TEST-ORGAN                  A   12.0   SP
       SOURCE FIELD(S) --- -START- --END-
       EXP-TEST-ANIMAL-ORGAN-DATE          1       7
       EXP-TEST-ANIMAL-ORGAN-DATE         17      21
```

ORGAN-PEIS

Physical layout of file 111. Supports the TD-ORGAN view. No TDMS software accesses this file using direct calls.

```
FILE...: ORGAN-PEIS
TYPE...: ADABAS
FILE-NR: 111
PRIMARY SEQUENCE FIELD: EXP-TEST-ANIMAL-ORGAN-PATHT


T L DB NAME                        F   LENG S DE
- - --  -- - - --
  1 AA EXP-TEST-ANIMAL-ORGAN-PATHT  A   22.0   UQ
  1 AB ORGAN-STATUS-DATE            U    5.0 N
  1 AC ORGAN-STATUS-TIME            U    5.0 N
  1 AD ORGAN-STATUS-OPERATOR-ID     U    5.0 N
  1 AE ORGAN-STATUS-ERROR-FLAG      A    1.0 F
  1 AF ORGAN-STATUS                 U    5.0 N
  1 AG ORGAN-STATUS-PATHOLOGIST-ID  U    5.0 N
P 1 AH SITE-STATUS-INFORMATION
  2 AK SITE-STATUS-DATE             U    5.0 N
  2 AL SITE-STATUS-TIME             U    5.0 N
  2 AM SITE-STATUS-PATHOLOGIST-ID   U    5.0 N
  2 AN SITE-STATUS-OPERATOR-ID      U    5.0 N
  2 AO SITE-STATUS-ERROR-FLAG       A    1.0 N
  2 AI SITE-CODE                    U    5.0 N
  2 AJ SITE-STATUS                  U    5.0 N
```

ORGAN-STATUS-TABLE
Physical layout of organ (tissue) status table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBORGSTA. TBGET uses that layout description to form direct calls to retrieve data from the table for pathology reports. This layout corresponds to the veiw TBORGSTA.

```
FILE...: ORGAN-STATUS-TABLE
TYPE...: ADABAS
FILE-NR: 34
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                        F   LENG S DE
- - --  -- - - --
G 1 ST ORGAN-STATUS-TABLE
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
  2 AA ROW-NUMBER                   B   2.0   UQ
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
  2 BB DATE-ENTERED                 A   8.0 N
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
  2 CC ACTIVE-INACTIVE              A   1.0 F
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
  2 DD CODE-VALUE                   B   2.0   UQ
       Refer to TBORGSTA.  Key used
       by TBGET to retrieve data from
       the table.
  2 EE EE-FILLER                    A   1.0 F
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
  2 FF FF-FILLER                    A   1.0 F
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
  2 GG SUBSET-INDICATOR             A   1.0
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
  2 HH LONG-TEXT                    A   32.0 N
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
  2 II DATA-COLLECTION              A   1.0   DE
       Refer to TBORGSTA.  Not refer-
       enced by TBGET.
```

FILE...: ORGAN-STATUS-TABLE

TYPE...: ADABAS

FILE-NR: 34

PRIMARY SEQUENCE FIELD: CODE-VALUE

```
T L DB NAME                        F   LENG S DE


  2 JJ REPORTING                   A    1.0
        Refer to TBORGSTA.  Retrieved
        by TBGET for use in pathology
        reports.
```

ORGANS-PEIS
Physical layout of file 52. Supports the PAS_ORGANS view. PASGET
uses this layout to issue direct calls for PAS validation reports.

```
FILE...: ORGANS-PEIS

TYPE...: ADABAS

FILE-NR: 52

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY



T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 TA PAS-ORGANS
      Not referenced by PASGET.
G 2 TB PAS-KEY
      Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
      Used by PASGET to retrieve
      data from the file.
  2 TE DATA-DATE                 A   8.0 N
      Not referenced by PASGET.
  2 TF DATA-TIME                 A   6.0 N
      Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER      B   2.0 N
      Not referenced by PASGET.
  2 TH OPERATOR-ID               B   2.0 N
      Not referenced by PASGET.
G 2 TK CORRECTION
      Not referenced by PASGET.
  3 TL ORG-OR-COR                A   1.0 F
      Not referenced by PASGET.
  3 TM REASON                    A  78.0 N
      Not referenced by PASGET.
  3 TN COR-DATE                  A   8.0 N
      Not referenced by PASGET.
  3 TO COR-TIME                  A   6.0 N
      Not referenced by PASGET.
G 1 AA STR-ORGANS-SEG
      Not referenced by PASGET.
  2 BB SSSC-ID-CT                B   2.0 N
      Retrieved by PASGET for PAS
      validation reports.
  2 CC ORGAN-GROUP-CT            B   2.0 N
      Retrieved by PASGET for PAS
      validation reports.
```

FILE...: ORGANS-PEIS
TYPE...: ADABAS
FILE-NR: 52
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE

M 2 DD SSSC-ID                     B    2.0
       Retrieved by PASGET for PAS
       validation reports.
M 2 EE ORGAN-CODE                  B    2.0
       Retrieved by PASGET for PAS
       validation reports.
  1 FF STUDY-ORGAN                 A   11.0   SP
        SOURCE FIELD(S) --- -START- --END-
       DATA-BASE-KEY                   1     9
       ORGAN-CODE                      1     2


       Not used by PASGET.
```

PATHOLOGY-CODE-TABLE

Physical layout of the pathology code table. This is layout is the basis on which PCTGET retrieves data for PCT and pathology reports. (PCTGET retrieves all fields in the table for pathology code table reports.) This layout corresponds to the view TBPCT.

```
FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


T L DB NAME                     F   LENG S DE
- - --  -- - - --
G 1 AA PCT
      Group embracing all fields
      in the pathology code table.
  2 AB TOXTIME                   A   8.0 N DE
      The date upon which the record
      was added, or last update, in
      TDMS toxdate format.  (Values
      are integers stored in an al-
      phanumeric field.)
  2 AC ACTIVITY-STATUS           A   1.0 F
      Status of record.  A for ac-
      tive; I for inactive.  Not
      checked in PCT reports, but is
      checked by PAS validation re-
      ports.
  2 AD TDMS-CODE                 B   2.0 F UQ
      Unique integer identifying
      a record on the table.  The
      common practice, which is
      neither enforced by software
      nor standard operating proce-
      dures, is to assign codes
      sequentially, as follows:
          1-  999 Morphologies
      15000-15999 Qualifiers
      25000-25999 Topologies
  2 AE REORDER                   B   2.0 N
      Legacy field with no use in
      TDMS.  Original use unknown.
  2 AF TERMINOLOGY-PTR           B   2.0 N
      Legacy field with no use in
      TDMS.  Original use unknown.
```

FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE

```
T L DB NAME                          F   LENG S DE

       Contains no values.
  2 AG INITIAL-ENTRY-DATE            B   2.0 N DE
       Date on which record was first
       added to the table.  Stored
       in TDMS toxdate format.
  2 AH INITIAL-AUTHORIZATION         B   2.0 N
       Integer code denoting the
       pathologist who authorized
       the addition of the record.
       The possible values are:
          1001 - Dr. C. Montgomery
          1002 - Dr. S. Eustis
          1003 - Dr. R. Haley
       These codes are not operator
       IDs.
  2 AI CHANGE-AUTHORIZATION          B   2.0 N
       Code denoting the pathologist
       who authorizes a change to a
       record.  (See INITIAL-AUTHOR-
       IZATION.)
  2 AJ SUBTABLE-QUALIFIER            A   1.0 N DE
       Letter indicating to which of
       three subtables a record be-
       longs: M for morphologies, T
       for topographies, Q for quali-
       fiers.
  2 AK SYNONYM                       B   2.0 N
       Legacy field with no use in
       TDMS.  Original use unknown.
       Contains no values.
G 2 AL ALL-HIERARCHY-LEVELS
       Group embracing all LEVEL
       fields.
  3 AM LEVEL1                        B   2.0 N DE
       Morphologies - TDMS code for
                 the generic
                 morphology
```

FILE...: PATHOLOGY-CODE-TABLE

TYPE...: ADABAS

FILE-NR: 30

PRIMARY SEQUENCE FIELD: TDMS-CODE


```
T L DB NAME                         F   LENG S DE
                    type.
      Qualifiers -  ID of the qual-
                    ifier group to
                    which the qual-
                    ifier belongs.
  3 AN LEVEL2                        B   2.0 N DE
      Morph. - Neoplastic flag. 4
               for neoplastic; 5 for
               non-neoplastic.
      Qual.  - Integer indicating
               sort sequence on
               pathology reports
               and the qualifier
               pull-down window on
               LDAS.
  3 AO LEVEL3                        B   2.0 N
      Morph. - Malignancy flag: 4 is
               malignant; 5 is be-
               nign; 6 is uncertain
  3 AP LEVEL4                        B   2.0 N
      Morph. - Metastatic flag: 4 is
               metastatic; 5 is non-
               metastatic; 6 is un-
               certain
  3 AQ LEVEL5                        B   2.0 N
      Legacy field.  Original use
      unknown.  Morphology terms
      inherited from NCTR contain
      the values 1 or 2.
  3 AR LEVEL6                        B   2.0 N
      Legacy field.  Original use
      unknown.  Contains no values.
  3 AS LEVEL7                        B   2.0 N
      Legacy field.  Original use
      unknown.  Contains no values.
  3 AT LEVEL8                        B   2.0 N
      Legacy field.  Original use
      unknown.  Contains no values.
G 2 AU ALL-VALIDATION-FLAGS
      Group embracing all FLAG
      fields.
  3 AV FLAG1                         N   1.0 F
```

```
FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


T L DB NAME                              F    LENG S DE

      Morph. & Top. - Gender speci-
                    ficity. 1 is
                    both genders,
                    2 is gender
                    dependant.
      (Note: For topographies, only
      organs are flagged as gender-
      dependent.  Sites are gender-
      dependent by being located on
      a gender-dependent organ.)
   3 AW FLAG2                           N    1.0 F
      Morph. & Top. - Species speci-
                    ficity. 1 is
                    all species,
                    2 is gender
                    dependant.
      (Note: For topographies, only
      organs are flagged as species-
      dependent.  Sites are species-
      dependent by being located on
      a species-dependent organ.)
 3 AX FLAG3                             N    1.0 F
      Morph. - Organ association
              flag. 1 for all or-
              gans; 2 for a speci-
              fied list of organs;
              3 for all but a
              specified list of
              organ.  (The list of
              organs for values 2
              and 3 are found in
              the multilple-entry
              field ALL-FLAG3-
              VALUES.)
   3 AY FLAG4                           N    1.0 F
      Top. - Topography type: 1 is
```

FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE

```
T L DB NAME                          F   LENG S DE
              a sytem, 2 is an or-
              gan, 3 is a site
       Qual. - Qualifier type: 1 is
              qualifier group, 2 is
              a qualifier
  3 AZ FLAG5                          N   1.0 F
       Legacy field.  Original use
       unknown.  Contains no values.
  3 BA FLAG6                          N   1.0 F
       Gross morphology flag.  Gross
       morphologies are a legacy to
       TDMS, with no use in the cur-
       rent version.
  3 BB FLAG7                          N   1.0 F
       Legacy field.  Original use
       unknown.  Contains no values.
  3 BC FLAG8                          N   1.0 F
       Legacy field.  Original use
       unknown.  Contains no values.
  2 BD REVERSE-PTR                    B   2.0 N
       Legacy field.  Original use
       unknown.  Contains no values.
  2 BE NCTR-CODE                      A   3.0 N
       Legacy field with no use in
       current version of TDMS.  Ap-
       pears to be a code that was
       associated with morphology
       terms inherited from NCTR.
  2 BF SNOP-CODE                      A   4.0 N
       Legacy field.  Original use
       unknown.
G 2 BG SNOMED
       Group embracing SNOMED defini-
       tions.  SNOMED appears to be
       an alternative coding system
       for pathology terms.  Infor-
       mational only.  Only assigned
       to terms inherited from NCTR.
       Not entered for new terms.
  3 BH SNOMED-TYPE                    A   1.0 N
       The single-letter identifying
       the SNOMED type. M for morph-
```

FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE

```
T L DB NAME                         F   LENG S DE

       ology; T for topography.
   3 BI SNOMED-CODE                  A    5.0 N
       Five-digit numeric code that
       uniquely identifies the term
       in the SNOMED system.
   2 BJ ASSOCIATED-SNOMED-TERM       A    6.0 N
       Legacy field. Original use
       unknown.
   2 BK SYSTEMIC-FLAG                A    1.0 N
       Applies to morphology terms
       only.  Indicates whether a
       term is a systemic lesion.
   2 BL GROSS-MICRO-FLAG             A    1.0 N
       Flag indicating whether a
       morphology term is micro-
       scopically, or grossly, ob-
       served.  The possible values
       are:
           0 - Microscopic only
           1 - Gross only
           2 - Both
       (Gross pathology is not part
       of the current version of
       TDMS.)
   2 BM PAIRED-ORGAN-FLAG            A    1.0 N
       Appies to organ topographies
       only.  Indicates whether an
       organ is paired.  The values
       are: 1 is not paired, 2 is
       paired.
   2 BN UNKNOWN-FIELD                A   13.0 N
       Legacy field.  Original use
       unknown.  Contains no values.
 G 2 BO SHORT-TEXT
       Group which merely includes
       the short text field.
```

FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


```
T L DB NAME                          F    LENG S DE
3 BP SHORT-TEXT-FIELD                A    14.0 N DE
        Abbreviated description of
        the term.  Used on Individual
        Animal Data report and LDAS
        pull-down screens.
G 2 BQ LONG-TEXT
        Group which merely includes
        the long text field.
  3 BR LONG-TEXT-FIELD               A    60.0 N
        Full description of the term.
  2 BS NUM-FLAG1-VALUES              B     2.0 N
        Number of entries in
        ALL-FLAG1-VALUES multiple-
        entry field.  Should have
        same value as MU count field
        for ALL-FLAG1-VALUES.  Since
        ALL-FLAG1-VALUES can never
        have more than one entry, the
        value of this field should
        not be higher than one.
  2 BT NUM-FLAG2-VALUES              B     2.0 N
        Number of entries in
        ALL-FLAG2-VALUES multiple-
        entry field.  Should have
        same value as MU count field
        for ALL-FLAG2-VALUES.  Since
        ALL-FLAG2-VALUES can never
        have more than one entry, the
        value of this field should
        not be higher than one.
  2 BU NUM-FLAG3-VALUES              B     2.0 N
        Number of entries in
        ALL-FLAG3-VALUES multiple-
        entry field.  Should have
        same value as MU count field
        for ALL-FLAG3-VALUES.
  2 BV NUM-FLAG4-VALUES              B     2.0 N
        Number of entries in
        ALL-FLAG4-VALUES multiple-
        entry field.  Should have
        same value as MU count field
        for ALL-FLAG4-VALUES.
```

```
FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


T L DB NAME                        F   LENG S DE
   2 BW NUM-FLAG5-VALUES           B   2.0 N
         Number of entries in
         ALL-FLAG5-VALUES multiple-
         entry field.  Should have
         same value as MU count field
         for ALL-FLAG5-VALUES.
   2 BX NUM-FLAG6-VALUES           B   2.0 N
         Number of entries in
         ALL-FLAG6-VALUES multiple-
         entry field.  Should have
         same value as MU count field
         for ALL-FLAG6-VALUES.
   2 BY NUM-FLAG7-VALUES           B   2.0 N
         Number of entries in
         ALL-FLAG7-VALUES multiple-
         entry field.  Should have
         same value as MU count field
         for ALL-FLAG7-VALUES.
   2 BZ NUM-FLAG8-VALUES           B   2.0 N
         Number of entries in
         ALL-FLAG8-VALUES multiple-
         entry field.  Should have
         same value as MU count field
         for ALL-FLAG8-VALUES.
   2 CJ NUM-OF-FREE-TEXT-CHARS     B   2.0 N
         Number of entries in multiple-
         entry field FREE-TEXT-CHARS,
         which field is a legacy to
         TDMS.  Number is always 0.
M  2 CA ALL-FLAG1-VALUES           A   1.0 N
         Gender-dependency for morph-
         ologies and topographies.
         If FLAG1 is set to 2, then
         the first entry in this
         multiple-entry field will
         be either M for F to indicate
         the gender upon which the
         term is dependent.  There is
         never more than one entry in
         this MU field.
M  2 CB ALL-FLAG2-VALUES           B   2.0 N
         Indicate species dependency
```

FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE


```
T L DB NAME                         F    LENG S DE

        for morphologies and topo-
        graphies.  If FLAG2 is set
        to 2, then the first entry
        in this MU field will be
        the TBSTRAIN species code
        upon which the term in depend-
        dent.  No more that one entry
        is used in this MU field.
M 2 CC ALL-FLAG3-VALUES             B    2.0 N DE
        Morph. - If FLAG3 is set to 2
                 or 3, the organ codes
                 on which the term is
                 dependent.
        Top.   - If FLAG4 is set to 2,
                 the code for the sys-
                 tem to which the org-
                 an belongs.  If FLAG4
                 is set to 3, then the
                 codes for the organs
                 for which the term is
                 a site.
        Qual.  - If FLAG4 is 2, then
                 the codes for the
                 groups to which the
                 qualifier belongs.
M 2 CD ALL-FLAG4-VALUES             B    2.0 N
        Top.  - If FLAG4 is 1, then
                the values are the
                codes for the organs
                included in the sys-
                tem.  If FLAG4 is 2,
                then the values are
                the codes for the
                sites on the organ.
        Qual. - If FLAG4 is 1, then
                the values are the
                codes for the quali-
                fiers included in
```

FILE...: PATHOLOGY-CODE-TABLE
TYPE...: ADABAS
FILE-NR: 30
PRIMARY SEQUENCE FIELD: TDMS-CODE

```
T L DB NAME                        F   LENG S DE
            the group.
M 2 CE ALL-FLAG5-VALUES            B   2.0 N DE
       Morph. - The IDs for the qual-
             ifier groups that
             are appropriate to
             the term.
       Qual. -  If FLAG4 is 2, the
             the IDs for the
             qualifier groups in
             which the qualifier
             is classified.  (The
             LEVEL1 values for the
             terms in ALL-FLAG3-
             VALUES.)
M 2 CF ALL-FLAG6-VALUES            B   2.0 N
       Legacy field.  Equivalent to
       ALL-FLAG3-VALUES, but for
       gross terms.  Gross pathology
       is not part of the current
       version of TDMS.
M 2 CG ALL-FLAG7-VALUES            B   2.0 N
       Legacy field.  Equivalent to
       ALL-FLAG4-VALUES, but for
       gross terms.  Gross pathology
       is not part of the current
       version of TDMS.
M 2 CH ALL-FLAG8-VALUES            B   2.0 N
       Legacy field.  Equivalent to
       ALL-FLAG5-VALUES, but for
       gross terms.  Gross pathology
       is not part of the current
       version of TDMS.
M 2 CI FREE-TEXT-CHARS             A   1.0 N
       Legacy field.  Original use
       unknown.  Contains no values.
  2 CL UNKNOWN-FIELD-1             A   1.0 N DE
       Legacy field.  Original use
       unknown.  Contains no values.
```

PREPARATION-EIS

Physical layout of file 43. Supports the PAS_PREPARTN_SEG view.
This is the layout by which PASGET selects data for PAS validation
reports and EIS/PEIS reports.

```
FILE...: PREPARATION-EIS
TYPE...: ADABAS
FILE-NR: 43
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 TA PAS-PREP
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY              A   9.0   DE
       Used by PASGET to select data
       from the file.
  2 TE DATA-DATE                  A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                  A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER       B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID                B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                 A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                     A   78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                   A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                   A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-PREP-SEG
       Not referenced by PASGET.
  2 BB ID-NO                      P   3.0 N
       Retrieved by PASGET for PAS
       validation reports and EIS/
       PEIS reports.
  2 CC COMPOUND-CT                B   2.0 N
       Retrieved by PASGET for PAS
```

FILE...: PREPARATION-EIS
TYPE...: ADABAS
FILE-NR: 43
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                           F   LENG S DE

        validation reports and EIS/
        PEIS reports.
P 1 DD ANY-COMPOUND-INFO
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 EE NTP-NO                         A   6.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 FF COMPOUND-NAME                  A  54.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 GG COMP-TYPE                      A   1.0 F
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 HH COMP-PERCENT                   P   5.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 II MEAS-TYPE                      A   2.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  1 SD SUPER-KEY                      A  11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                    1     9
        ID-NO                            1     2

        Used by PASGET to select data
        from the file.
```

PROCEDURE-EIS

Physical layout of file 42. Supports the PAS_PROCEDUR_SEG view.
This is the layout by which PASGET selects data for PAS validation
reports and EIS/PEIS reports.

```
FILE...: PROCEDURE-EIS
TYPE...: ADABAS
FILE-NR: 42
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F   LENG S DE
- - -- -- - - --
G 1 TA PAS-PROCEDURE
      Not referenced by PASGET.
G 2 TB PAS-KEY
      Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
      Used by PASGET to select data
      from this file.
  2 TE DATA-DATE                 A   8.0 N
      Not referenced by PASGET.
  2 TF DATA-TIME                 A   6.0 N
      Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER      B   2.0 N
      Not referenced by PASGET.
  2 TH OPERATOR-ID               B   2.0 N
      Not referenced by PASGET.
G 2 TK CORRECTION
      Not referenced by PASGET.
  3 TL ORG-OR-COR                A   1.0 F
      Not referenced by PASGET.
  3 TM REASON                    A   78.0 N
      Not referenced by PASGET.
  3 TN COR-DATE                  A   8.0 N
      Not referenced by PASGET.
  3 TO COR-TIME                  A   6.0 N
      Not referenced by PASGET.
G 1 AA STR-PROCEDURE-SEG
      Not referenced by PASGET.
  2 BB ID-NO                     B   2.0 N
      Retrieved by PASGET for PAS
      validation reports.
  2 CC PROCEDURE-GRP-CNT         B   2.0 N
      Retrieved by PASGET for PAS
      validation reports.
```

```
FILE...: PROCEDURE-EIS
TYPE...: ADABAS
FILE-NR: 42
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                         F   LENG S DE


P 1 DD ANY-PROCEDURE-GROUP
         Retrieved by PASGET for PAS
         validation reports.
  2 EE ACTION-CODE                  B   2.0 N DE
         Retrieved by PASGET for PAS
         validation reports.
  2 FF REL-START                    I   2.0 F
         Retrieved by PASGET for PAS
         validation reports.
  2 GG REL-STOP                     I   2.0 F
         Retrieved by PASGET for PAS
         validation reports.
  2 HH WEEKLY-INTERVALS             B   2.0 N
         Retrieved by PASGET for PAS
         validation reports.
  2 II REL-OR-SPEC                  A   1.0
         Retrieved by PASGET for PAS
         validation reports.
  2 JJ DAY-OF-WEEK                  A   7.0 N
         Retrieved by PASGET for PAS
         validation reports.
  1 SD SUPER-KEY                    A  11.0   SP
          SOURCE FIELD(S) --- -START- --END-
         DATA-BASE-KEY                   1     9
         ID-NO                           1     2


         Used by PASGET to select data
         from the file.
  1 SE PROCEDURE-ACTION             A  11.0   SP
          SOURCE FIELD(S) --- -START- --END-
         DATA-BASE-KEY                   1     9
         ACTION-CODE                     1     2
```

PROTO-REQ-TISS-PEIS

Physical layout of file 84. Supports the PAS_PROTO_REQ_TIS view.
No direct calls are issued based on this layout.

```
FILE...: PROTO-REQ-TISS-PEIS
TYPE...: ADABAS
FILE-NR: 84
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 TA PAS-PROTO-REQ-TIS
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY            A   9.0   DE
       Not referenced by PASGET.
  2 TE DATA-DATE                A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER     U   5.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID              U   5.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR               A   1.0 N
       Not referenced by PASGET.
  3 TM REASON                   A  78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                 A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                 A   6.0 N
       Not referenced by PASGET.
G 1 AA REQ-TIS-SEQ
       Not referenced by PASGET.
  2 BB TREAT-NUM                U   3.0
       Not referenced by PASGET.
  2 CC BEG-REMOVAL-DATE         U   5.0
       Not referenced by PASGET.
  2 DD END-REMOVAL-DATE         U   5.0
       Not referenced by PASGET.
  2 EE PROTO-REQ-TIS-PATHOLOGIST U  5.0 N
       Not referenced by PASGET.
```

FILE...: PROTO-REQ-TISS-PEIS
TYPE...: ADABAS
FILE-NR: 84
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                          F   LENG S DE


M 2 FF REASON-NUM                     U    5.0 N
         Not referenced by PASGET.
M 2 GG TISSUE-NUM                     P    3.0 N
         Not referenced by PASGET.
  2 HH ALL-TREAT-FLAG                 A    1.0 F
         Not referenced by PASGET.
  2 II ALL-REM-REASON-FLAG            A    1.0 F
         Not referenced by PASGET.
  1 AB SYSTEM-DATE-TIME               A   13.0   DE
         Not referenced by PASGET.
  1 SD PROTO-REQ-TIS-SUPERKEY         A   22.0   SP
          SOURCE FIELD(S) --- -START- --END-
         DATA-BASE-KEY                     1     9
         BEG-REMOVAL-DATE                  1     5
         END-REMOVAL-DATE                  1     5
         TREAT-NUM                         1     3


         Not used by PASGET.
  1 SE AGENCY-EXP-TEST-TREAT-REASON   A   17.0   SP
          SOURCE FIELD(S) --- -START- --END-
         DATA-BASE-KEY                     1     9
         TREAT-NUM                         1     3
         REASON-NUM                        1     5


         Not used by PASGET.
```

PTH-AST-OPR-PEIS
Physical layout of file 57. Supports the PAS_PH_P_AST_OPR view.
PASGET uses this layout to issue direct calls for PAS validation reports.

```
FILE...: PTH-AST-OPR-PEIS

TYPE...: ADABAS

FILE-NR: 57

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY



T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 TA PAS-PATH-P-ASSIT-OPER
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
       Used by PASGET to retrieve
       data from the table.
  2 TE DATA-DATE                 A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                 A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER      B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID               B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                    A   78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                  A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                  A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-PATH-P-ASSIT-OPER-SEG
       Not referenced by PASGET.
  2 BB PERSONNEL-ID-CT           B   2.0 N
       Not referenced by PASGET.
P 1 CC ANY-ID-GRP
       Not referenced by PASGET.
  2 DD NAME                      A   32.0 N
       Retrieved by PASGET for PAS
```

FILE...: PTH-AST-OPR-PEIS

TYPE...: ADABAS

FILE-NR: 57

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                        F   LENG S DE


      validation reports.
  2 EE PERSONNEL-CODE               A    1.0 F
      Retrieved by PASGET for PAS
      validation reports.
  2 FF PATH-CODE                    A   12.0 N
      Retrieved by PASGET for PAS
      validation reports.
  1 GG SUPER-KEY                    A   22.0   SP
       SOURCE FIELD(S) --- -START- --END-
      DATA-BASE-KEY                      1     9
      PERSONNEL-CODE                     1     1
      PATH-CODE                          1    12


      Not used by PASGET.
```

RACK-CAGE-EIS
Physical layout of file 51. Supports the PAS_RACK_CAGE view.
PASGET uses this layout to issue direct calls for PAS validation reports.

```
FILE...: RACK-CAGE-EIS

TYPE...: ADABAS

FILE-NR: 51

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY



T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 TA PAS-RACK-CAGE
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
       Used by PASGET to retrieve
       data from the file.
  2 TE DATA-DATE                 A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                 A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER      B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID               B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                    A   78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                  A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                  A   6.0 N
       Not referenced by PASGET.
G 1 AA RACK-CAGE-SEQ
       Not referenced by PASGET.
  2 BB C-AREA                    U   5.0
       Retrieved by PASGET for PAS
       validation reports.
  2 CC RACK-NO                   U   2.0
       Retrieved by PASGET for PAS
       validation reports.
```

FILE...: RACK-CAGE-EIS

TYPE...: ADABAS

FILE-NR: 51

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                      F   LENG S DE

  2 DD C-SIDE                     A   1.0 F
       Retrieved by PASGET for PAS
       validation reports.
  2 EE RACK-ROW                   U   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 FF RACK-COL                   U   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
P 1 GG CAGES
       Retrieved by PASGET for PAS
       validation reports.
  2 HA COLUMN-1                   B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HB COLUMN-2                   B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HC COLUMN-3                   B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HD COLUMN-4                   B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HE COLUMN-5                   B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HF COLUMN-6                   B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HG COLUMN-7                   B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HH COLUMN-8                   B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HI COLUMN-9                   B   2.0 N
```

FILE...: RACK-CAGE-EIS

TYPE...: ADABAS

FILE-NR: 51

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                      F   LENG S DE
        Retrieved by PASGET for PAS
        validation reports.
  2 HJ COLUMN-10                  B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  1 SD SUPER-KEY                  A   17.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                 1     9
        C-AREA                        1     5
        RACK-NO                       1     2
        C-SIDE                        1     1

        Used by PASGET to select data
        from the file.
```

RECEIVE-STATUS

Physical layout of file 38. Supports the STATUS_FILE view. No
TDMS software accesses the file using direct calls.

```
FILE...: RECEIVE-STATUS
TYPE...: ADABAS
FILE-NR: 38
PRIMARY SEQUENCE FIELD: STATUS_EXP_AND_TEST_NUMBER


T L DB NAME                        F   LENG S DE
- - --  -- - - --
G 1 AA TRANSMISSION_STATUS_REC
G 2 BB STATUS_TRANSACTION_SET_ID
G 3 CC STATUS_DISKETTE_ID
  4 CD STATUS_AGENCY_FACILT_DISK_SUBSYS A   11.0
G 4 HH STATUS_EXPERIMENT_ID
  5 IJ STATUS_EXP_AND_TEST_NUMBER      U   7.0    DE
  3 KK STATUS_TRANSACTION_SET_NUM      B   2.0
  3 LL STATUS_HEADER_TOX_DATE          A   8.0
  3 MM STATUS_HEADER_TOX_TIME          A   6.0
G 2 NN STATUS_INFO
  3 OO STATUS_RECEIVE_DATE             A   8.0 N
  3 PP STATUS_RECEIVE_TIME             A   6.0 N
  3 QQ STATUS_RECEIVE_INDICATOR        A   1.0 F
  3 RR STATUS_VERIFY_INDICATOR         A   1.0 F
  3 SS STATUS_CONVERT_INDICATOR        A   1.0 F
  3 TT STATUS_NOTIFY_INDICATOR         A   1.0 N DE
  3 UU STATUS_TRANSACTION_COUNT        B   2.0 N
  1 KE STATUS_KEY                      A  34.0    SP
        SOURCE FIELD(S) --- -START- --END-
        STATUS_AGENCY_FACILT_DISK_SUBSYS    1      11
        STATUS_EXP_AND_TEST_NUMBER          1      7
        STATUS_TRANSACTION_SET_NUM          1      2
        STATUS_HEADER_TOX_DATE              1      8
        STATUS_HEADER_TOX_TIME              1      6


  1 EE STATUS_FACILITY_CODE            A   5.0    SB
        SOURCE FIELD(S) --- -START- --END-
        STATUS_AGENCY_FACILT_DISK_SUBSYS    3      7


  1 VV STATUS_EXP_TEST_TRANS_SET_NUM   B   9.0    SP
        SOURCE FIELD(S) --- -START- --END-
        STATUS_EXP_AND_TEST_NUMBER          1      7
        STATUS_TRANSACTION_SET_NUM          1      2
```

REMOVAL-ACTION-EIS

Physical layout of file 50. Supports the PAS_REMVL_ACTION view.
PASGET uses this layout to issue direct calls for PAS validation reports.

```
FILE...: REMOVAL-ACTION-EIS

TYPE...: ADABAS

FILE-NR: 50

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY



T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 TA PAS-REMOVAL-ACTIONS
        Not referenced by PASGET.
G 2 TB PAS-KEY
        Not referenced by PASGET.
  3 TC DATA-BASE-KEY              A   9.0   DE
        Used by PASGET to retrieve
        data from the file.
  2 TE DATA-DATE                  A   8.0 N
        Not referenced by PASGET.
  2 TF DATA-TIME                  A   6.0 N
        Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER       B   2.0 N
        Not referenced by PASGET.
  2 TH OPERATOR-ID                B   2.0 N
        Not referenced by PASGET.
G 2 TK CORRECTION
        Not referenced by PASGET.
  3 TL ORG-OR-COR                 A   1.0 F
        Not referenced by PASGET.
  3 TM REASON                     A  78.0 N
        Not referenced by PASGET.
  3 TN COR-DATE                   A   8.0 N
        Not referenced by PASGET.
  3 TO COR-TIME                   A   6.0 N
        Not referenced by PASGET.
G 1 AA STR-REMOVAL-ACTIONS-SEQ
        Not referenced by PASGET.
  2 BB REMOVAL-ACT-CT             B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
M 2 CC REMOVAL-ACT-CODE           B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
```

RESP-PARTY-EIS

Physical layout of file 45. Supports the PAS_RESP_PARTIES view.
This is the layout by which PASGET selects data for PAS validation
reports.

```
FILE...: RESP-PARTY-EIS
TYPE...: ADABAS
FILE-NR: 45
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                       F   LENG S DE
- - -- -- - - --
G 1 TA PAS-RESP-PARTIES
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY              A   9.0   DE
       Used by PASGET to select data
       from this file.
  2 TE DATA-DATE                  A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                  A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER       B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID                B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                 A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                     A   78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                   A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                   A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-RESP-PARTIES-SEG
       Not referenced by PASGET.
  2 BB RESP-PARTY                 A   32.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 CC JOB-POSITION               A   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
```

FILE...: RESP-PARTY-EIS
TYPE...: ADABAS
FILE-NR: 45
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                      F   LENG S DE

  2 DD FACILITY-CODE             B    2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 EE EFFECTIVE-DATE            U    6.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 FF PHONE-NUMBER              U   10.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 GG EXTENSION                 U    4.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 HH FACILITY-ADDRESS          A  128.0 N
       Retrieved by PASGET for PAS
       validation reports.
```

SITES-PEIS

Physical layout of file 54. Supports the PAS_SITES view. PASGET
uses this layout to issue direct calls for PAS validation reports.

```
FILE...: SITES-PEIS
TYPE...: ADABAS
FILE-NR: 54
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                     F   LENG S DE
- - --  -- - - --
G 1 TA PAS-SITES
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY            A   9.0   DE
       Used by PASGET to retrieve
       data from the file.
  2 TE DATA-DATE                A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER     B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID              B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR               A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                   A   78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                 A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                 A   6.0 N
       Not referenced by PASGET.
G 1 AA STR-SITES-SEG
       Not referenced by PASGET.
  2 BB ORGAN-CODE               B   2.0
       Retrieved by PASGET for PAS
       validation reports.
  2 CC SITE-GRP-CT              B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
```

FILE...: SITES-PEIS

TYPE...: ADABAS

FILE-NR: 54

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                       F   LENG S DE

M 2 DD SITE-CODE                  B   2.0 N
        Retrieved by PASGET for PAS
        validation reports.
  1 SD SUPER-KEY                  A   11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                      1      9
        ORGAN-CODE                         1      2


        Used by PASGET to select data
        from the file.
```

STAIN-TABLE

Physical layout of stain table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBSTAINC. TBGET uses that layout description to form direct calls to retrieve data from the table for PCT and PAS validation reports. This layout corresponds to the view TBSTAINC.   (Stain data is not collected or reported by the current version of TDMS.)

```
FILE...: STAIN-TABLE
TYPE...: ADABAS
FILE-NR: 15
PRIMARY SEQUENCE FIELD:  CODE-VALUE


T L DB NAME                      F   LENG S DE
- - -- -- - - --
G 1 ST STAIN-TABLE
      Not referenced by TBGET.
  2 AA ROW-NUMBER                B   2.0   UQ
      Refer to TBSTAINC.  Not
      referenced by TBGET.
  2 BB DATE-ENTERED              A   8.0
      Refer to TBSTAINC.  Not
      referenced by TBGET.
  2 CC ACTIVE-INACTIVE           A   1.0 F
      Refer to TBSTAINC.  Used by
      TBGET for PCT reports.
  2 DD CODE-VALUE                B   2.0   UQ
      Refer to TBSTAINC.  Key by
      which TBGET retrieves data
      from this table.
  2 EE EE-FILLER                 A   1.0 F
      Refer to TBSTAINC.  Not
      referenced by TBGET.
  2 FF FF-FILLER                 A   1.0 F
      Refer to TBSTAINC.  Not
      referenced by TBGET.
  2 GG LONG-TEXT                 A   30.0 N
      Refer to TBSTAINC.  Used by
      TBGET for PAS validation re-
      ports.
  2 HH SHORT-TEXT                A   14.0 N
      Refer to TBSTAINC.  Used by
      TBGET for PCT reports.
```

STRAIN-TABLE

Physical layout of strain table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBSTRAIN. TBGET uses that layout description to form direct calls to retrieve data from the table for EIS/PEIS and PAS validataion reports. This layout corresponds to the view TBSTRAIN.

```
FILE...: STRAIN-TABLE
TYPE...: ADABAS
FILE-NR: 21
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 ST STRAIN-TABLE
  2 AA ROW-NUMBER               B   2.0   UQ
       Refer to TBSTRAIN.  Not
       referenced by TBGET.
  2 BB DATE-ENTERED             A   8.0
       Refer to TBSTRAIN.  Not
       referenced by TBGET.
  2 CC ACTIVE-INACTIVE          A   1.0 F
       Refer to TBSTRAIN.  Not
       referenced by TBGET.
  2 DD CODE-VALUE               B   2.0   UQ
       Refer to TBSTRAIN.  Key by
       which TBGET retrieves data
       from this table.
  2 EE EE-FILLER                A   1.0 F
       Refer to TBSTRAIN.  Not
       referenced by TBGET.
  2 FF FF-FILLER                A   1.0 F
       Refer to TBSTRAIN.  Not
       referenced by TBGET.
  2 GG SPECIES-CODE             B   2.0 N
       Refer to TBSTRAIN.  Not
       referenced by TBGET.
  2 HH SUBSET-INDICATOR         B   2.0 N
       Refer to TBSTRAIN. Used by
       TBGET for PAS validation re-
       ports.
  2 II SHORT-TEXT               A   12.0 N
       Refer to TBSTRAIN.  Used by
       TBGET for EIS/PEIS and PAS
       validation reports.
```

FILE...: STRAIN-TABLE
TYPE...: ADABAS
FILE-NR: 21
PRIMARY SEQUENCE FIELD: CODE-VALUE


```
T L DB NAME                      F   LENG S DE

  2 JJ BREEDING-CODE             A   1.0 N
       Refer to TBSTRAIN.  Not refer-
       enced by TBGET.
  2 KK STR-FEM-PARENT            B   2.0 N
       Refer to TBSTRAIN.  Not refer-
       enced by TBGET.
  2 LL STR-MALE-PARENT           B   2.0 N
       Refer to TBSTRAIN.  Not refer-
       enced by TBGET.
  2 MM LONG-TEXT                 A  38.0 N
       Refer to TBSTRAIN.  Used by
       TBGET for EIS/PEIS reports.
  2 NN NN-FILLER                 A   1.0 N
       Refer to TBSTRAIN.  Not refer-
       enced by TBGET.
```

SUBSTRAIN-TABLE

Physical layout of substrain table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBSUBSTR. TBGET uses that layout description to form direct calls to retrieve data from the table for PAS validation reports. This layout corresponds to the view TBSUBSTR. Substrain data is not used in TDMS. Dummy values are entered in PAS.

```
FILE...: SUBSTRAIN-TABLE
TYPE...: ADABAS
FILE-NR: 17
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                        F   LENG S DE
- - -- -- - - --
G 1 ST SUBSTRAIN-TABLE
  2 AA ROW-NUMBER                   B   2.0   UQ
        Refer to TBSUBSTR.  Not
        referenced by TBGET.
  2 BB DATE-ENTERED                 A   8.0
        Refer to TBSUBSTR.  Not
        referenced by TBGET.
  2 CC ACTIVE-INACTIVE              A   1.0 F
        Refer to TBSUBSTR.  Not
        referenced by TBGET.
  2 DD CODE-VALUE                   B   2.0   UQ
        Refer to TBSUBSTR.  Key by
        which TBGET retrieves data
        from this table
  2 EE EE-FILLER                    A   1.0 F
        Refer to TBSUBSTR.  Not used
        by TBGET.
  2 FF FF-FILLER                    A   1.0 F
        Refer to TBSUBSTR.  Not used
        by TBGET.
  2 GG SHORT-TEXT                   A   14.0 N
        Refer to TBSUBSTR.  Used by
        TBGET for PAS validation
        reports.
  2 HH LONG-TEXT                    A   32.0 N
        Refer to TBSUBSTR.  Used by
        TBGET for PAS validation re-
        ports.
```

TABLES_DESCRIPTION

Physical layout of Tables Description table. This layout is used by TBGET when it retrieves data from file. File contains physical layouts of TDMS tables used by TBGET.

```
FILE...: TABLES_DESCRIPTION
TYPE...: ADABAS
FILE-NR: 16
PRIMARY SEQUENCE FIELD:  TABLE_NAME


T L DB NAME                       F   LENG S DE
- - -- -- - - --
G 1 MF TABLES_DESCRIPTION_FILE
  2 TN TABLE_NAME                 A    8.0 N DE
       Primary key for table.  Con-
       tains the eight-character
       view names for each TDMS tab-
       le.
  2 TB TABLE_NUM                  B    1.0 F
       The file number assigned to
       the file when loaded into
       ADABAS with ADALOD or ADAFDU.
  2 NC NUM_COLS                   B    2.0
       The number of columns defined
       in the FIELD_GROUP repeating
       group.
P 1 FG FIELD_GROUP
       Repeating group containing
       each field in table.  This
       group is position-sensitive.
       Do not reorder elements un-
       less you understand the TBGET
       retrieval mechanism.
  2 FN FIELD_NAME                 A    2.0 N
       The short field name assigned
       to the field when loaded into
       ADABAS.
  2 FL FIELD_LENGTH               B    2.0 N
       The length of the field.
```

TBLDAS

Physical layout of super-table that embraces five tables, those tables being the weight status, treatment role, correction reason, in-life qualifier group, and weight curve tables. Each of these tables is defined in the Tables Description table with the field TABLE_NAME set to TBWGTSTATUS, TBTRTROLE,TBCORRREASON, TBQUALGRP, and TBWGTCURVE, respectively. TBGET uses the descriptions to retrieve data via direct calls. Supports views named as TABLE_NAME.

```
FILE...: TBLDAS
TYPE...: ADABAS
FILE-NR: 31
PRIMARY SEQUENCE FIELD:


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 AA WEIGHT-STATUS-TABLE
       Refer to TBWGTSTATUS.  Not
       referenced by TBGET.
  2 AB STATUS-NUM               P    5.0 N UQ
       Refer to TBWGTSTATUS.  Not
       referenced by TBGET.
  2 AC STATUS-TEXT              A   30.0 N
       Refer to TBWGTSTATUS.  Not
       referenced by TBGET.
  2 AD STATUS-SHORT-TEXT        A    8.0 N
       Refer to TBWGTSTATUS.  Not
       referenced by TBGET.
  2 AE STATUS-FLAG              A    1.0 F
       Refer to TBWGTSTATUS.  Not
       referenced by TBGET.
G 1 BA TREATMENT-ROLE-TABLE
       Refer to TBTRTROLE.  Not re-
       ferenced by TBGET.
  2 BB TREAT-ROLE               A    1.0 N UQ
       Refer to TBTRTROLE.  Key used
       by TBGET to retrieve data for
       PAS validation reports.
  2 BC ROLE-TEXT                A   32.0 N
       Refer to TBTRTROLE.  Retrieved
       by TBGET for PAS validation
       reports.
G 1 CA CORRECTION-REASON-TABLE
       Refer to TBCORRREASON.  Not
```

FILE...: TBLDAS
TYPE...: ADABAS
FILE-NR: 31
PRIMARY SEQUENCE FIELD:


```
T L DB NAME                        F   LENG S DE

      referenced by TBGET.
  2 CB CORR-CODE                    A    2.0 N UQ
      Refer to TBCORRREASON.  Not
      referenced by TBGET.
  2 CC CORR-REASON                  A   30.0 N
      Refer to TBCORRREASON.  Not
      referenced by TBGET.
G 1 GA WEIGHT-CURVE-TABLE
      Refer to TBWEIGHTCURVE.  Not
      referenced by TBGET.
  2 GB WEIGHT-CURVE-START-WEEK      P    5.0 N UQ
      Refer to TBWEIGHTCURVE.  Not
      referenced by TBGET.
  2 GD MIN-WEIGHT                   P    5.0 N
      Refer to TBWEIGHTCURVE.  Not
      referenced by TBGET.
  2 GE MAX-WEIGHT                   P    5.0 N
      Refer to TBWEIGHTCURVE.  Not
      referenced by TBGET.
G 1 HA INLIFE-QUALIFIER-GROUP-TABLE
      Refer to TBQUALGRP.  Not re-
      ferenced by TBGET.
  2 HB EIQUAL-GROUP                 A    5.0 N UQ
      Refer to TBQUALGRP.  Not re-
      ferenced by TBGET.
  2 HC EIQUAL-GROUP-SHORT-TEXT      A   14.0 N
      Refer to TBQUALGRP.  Not re-
      ferenced by TBGET.
  2 HD EIQUAL-GROUP-LONG-TEXT       A   32.0 N
      Refer to TBQUALGRP.  Not re-
      ferenced by TBGET.
```

TD-NOTES

Physical layout of file 114. Supports TD-TEST-NOTE and TD-TREATMENT-NOTE views. No TDMS software accesses this file using direct calls.

```
FILE...: TD-NOTES
TYPE...: ADABAS
FILE-NR: 114
PRIMARY SEQUENCE FIELD:


T L DB NAME                       F   LENG S DE
- - -- -- - - --
  1 AA EXP-TEST-TRT-DATE-TIME-UQ     A   20.0 N UQ
  1 AB EXP-TEST-DATE-TIME-UQ         A   17.0 N UQ
  1 AC OPER-NUM                      P    3.0 F
  1 AD NOTE-TEXT                     A  160.0 N
  1 BB TEST                          A    7.0   SP
       SOURCE FIELD(S) --- -START- --END-
       EXP-TEST-TRT-DATE-TIME-UQ          1       7
```

TEST

Physical layout for file 112. Supports the TD-TEST view. No TDMS
software accesses this file using direct calls.

```
FILE...: TEST
TYPE...: ADABAS
FILE-NR: 112
PRIMARY SEQUENCE FIELD: EXPERIMENT-TEST


T L DB NAME                     F   LENG S DE
- - -- -- - - --
  1 AA EXPERIMENT-TEST          U   7.0   UQ
  1 AC AGENCY-NUMBER            U   2.0
  1 AD TEST-TYPE                U   5.0
```

TEST-TYPE-TABLE

Physical layout of test type table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBTESTYP. TBGET uses that layout description to form direct calls to retrieve data from the table for EIS/PEIS and PAS validation reports. This layout corresponds to the view TBTESTYP.

```
FILE...: TEST-TYPE-TABLE
TYPE...: ADABAS
FILE-NR: 28
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                     F   LENG S DE
- - -- -- - - --
G 1 TT TEST-TYPE-TABLE
  2 AA ROW-NUMBER               B   2.0   UQ
       Refer to TBTESTYP.  Not refer-
       enced by TBGET.
  2 BB DATE-ENTERED             A   8.0
       Refer to TBTESTYP.  Not refer-
       enced by TBGET.
  2 CC ACTIVE-INACTIVE          A   1.0 F
       Refer to TBTESTYP.  Not refer-
       enced by TBGET.
  2 DD CODE-VALUE               B   2.0   UQ
       Refer to TBTESTYP.  Key used
       by TBGET to retrieve data from
       table.
  2 EE EE-FILLER                A   1.0 F
       Refer to TBTESTYP.  Not refer-
       enced by TBGET.
  2 FF FF-FILLER                A   1.0 F
       Refer to TBTESTYP.  Not refer-
       enced by TBGET.
  2 GG CHARACTER-CODE           A   2.0 N
       Refer to TBTESTYP.  Not refer-
       enced by TBGET.
  2 HH SHORT-TEXT               A  16.0 N
       Refer to TBTESTYP.  Retrieved
       by TBGET for EIS/PEIS reports.
  2 II LONG-TEXT                A  32.0 N
       Refer to TBTESTYP.  Retrieved
       by TBGET for PAS validation
       reports.
```

FILE...: TEST-TYPE-TABLE

TYPE...: ADABAS

FILE-NR: 28

PRIMARY SEQUENCE FIELD: CODE-VALUE


```
T L DB NAME                     F   LENG S DE

  2 JJ CURRENT-PERIOD-LENGTH     P    3.0 N
       Refer to TBTESTYP.  Not refer-
       enced by TBGET.
```

TREATMENT-EIS

Physical layout of file 41. Supports the PAS_TREATMNT_SEG view.
This is the layout by which PASGET selects data for PAS validation
reports and EIS/PEIS reports.

```
FILE...: TREATMENT-EIS
TYPE...: ADABAS
FILE-NR: 41
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 TA PAS-TREATMENT
        Not referenced by PASGET.
G 2 TB PAS-KEY
        Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
        Used by PASGET to select data
        from the file.
  2 TE DATA-DATE                 A   8.0 N
        Not referenced by PASGET.
  2 TF DATA-TIME                 A   6.0 N
        Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER      B   2.0 N
        Not referenced by PASGET.
  2 TH OPERATOR-ID               B   2.0 N
        Not referenced by PASGET.
G 2 TK CORRECTION
        Not referenced by PASGET.
  3 TL ORG-OR-COR                A   1.0 F
        Not referenced by PASGET.
  3 TM REASON                    A   78.0 N
        Not referenced by PASGET.
  3 TN COR-DATE                  A   8.0 N
        Not referenced by PASGET.
  3 TO COR-TIME                  A   6.0 N
        Not referenced by PASGET.
G 1 AA STR-TREATMENT-SEG
        Not referenced by PASGET.
  2 BB ID-NO                     B   2.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 CC CONTROL-DES               A   1.0 F
        Retrieved by PASGET for PAS
```

FILE...: TREATMENT-EIS

TYPE...: ADABAS

FILE-NR: 41

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


```
T L DB NAME                      F   LENG S DE

        validation reports and EIS/
        PEIS reports.
  2 DD TEXT-ID                    A   16.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 EE REGIMEN-CT                 B    2.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
P 1 FF ANY-REGIMEN
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 GG PREP-ID                    B    2.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 HH ROUTE                      B    2.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 II PREP-VOL                   P    3.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 JJ DOSE-CALC                  A    1.0
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 KK REL-START                  B    2.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 LL REL-STOP                   B    2.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
```

```
FILE...: TREATMENT-EIS
TYPE...: ADABAS
FILE-NR: 41
PRIMARY SEQUENCE FIELD: DATA-BASE-KEY


T L DB NAME                     F   LENG S DE
        PEIS reports.
  2 MM INTERVALS                B   2.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 NN REL-OR-SPEC              A   1.0
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  2 OO DAY-OF-WEEK              A   7.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  1 PP MIN-WATER                P   5.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  1 QQ MAX-WATER                P   5.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  1 RR MIN-FOOD                 P   5.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  1 SS MAX-FOOD                 P   5.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  1 TT CURVE-NO                 P   5.0 N
        Retrieved by PASGET for PAS
        validation reports and EIS/
        PEIS reports.
  1 SD SUPER-KEY                A  11.0   SP
         SOURCE FIELD(S) --- -START- --END-
        DATA-BASE-KEY                 1     9
        ID-NO                         1     2

        Used by PASGET to select data
        from the file.
```

TREATMENT-PEIS

Physical layout of file 100. Supports TD-TREATMENT view. No
current TDMS software accesses this file using direct calls.

```
FILE...: TREATMENT-PEIS

TYPE...: ADABAS

FILE-NR: 100

PRIMARY SEQUENCE FIELD: EXP-TEST-TREATMENT



T L DB NAME                         F   LENG S DE
- - -- -- - - --
  1 AA EXP-TEST-TREATMENT           U   10.0   UQ
  1 AB TREATMENT-CODE               A    1.0 F
M 1 AD PROTOCOL-REQUIRED-TISSUE-CODE U    5.0 N
  1 AE PATHOLOGIST-IDENTIFICATION   U    5.0
  1 AF OPERATOR-IDENTIFICATION      U    5.0
  1 AG DATE                         U    5.0
  1 AH SEQUENCE                     U    5.0
  1 AI ERROR-FLAG                   A    1.0 F
```

UNITS-TABLE

Physical layout of units table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBUNITS. TBGET can use that layout description to form direct calls to retrieve data from the table, but does not since the table has no meaning in TDMS. This file corresponds to the view TBUNITS.

```
FILE...: UNITS-TABLE
TYPE...: ADABAS
FILE-NR: 20
PRIMARY SEQUENCE FIELD:  CODE-VALUE



T L DB NAME                       F   LENG S DE
- - --  -- - - --
G 1 UT UNITS-TABLE
  2 AA ROW-NUMBER                  B   2.0   UQ
      Refer to TBUNITS.  Not
      referenced by TBGET.
  2 BB DATE-ENTERED                A   8.0
      Refer to TBUNITS.  Not
      referenced by TBGET.
  2 CC ACTIVE-INACTIVE             A   1.0 F
      Refer to TBUNITS.  Not
      referenced by TBGET.
  2 DD CODE-VALUE                  B   2.0   UQ
      Refer to TBUNITS.  Not used by
      TBGET.
  2 EE EE-FILLER                   A   1.0 F
      Refer to TBUNITS.  Not
      referenced by TBGET.
  2 FF FF-FILLER                   A   1.0 F
      Refer to TBUNITS.  Not
      referenced by TBGET.
  2 GG SHORT-TEXT                  A   8.0 N
      Refer to TBUNITS.  Not used by
      TBGET.
  2 HH LONG-TEXT                   A  50.0 N
      Refer to TBUNITS.  Not
      referenced by TBGET.
```

WEIGHT-ITEM-EIS

Physical layout of file 46. Supports the PAS_WGT_ITEMS view. This
is the layout by which PASGET selects data for PAS validation reports.

```
FILE...: WEIGHT-ITEM-EIS

TYPE...: ADABAS

FILE-NR: 46

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY



T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 TA PAS-WGT-ITEMS
       Not referenced by PASGET.
G 2 TB PAS-KEY
       Not referenced by PASGET.
  3 TC DATA-BASE-KEY             A   9.0   DE
       Used by PASGET to retrieve
       data from this file.
  2 TE DATA-DATE                 A   8.0 N
       Not referenced by PASGET.
  2 TF DATA-TIME                 A   6.0 N
       Not referenced by PASGET.
  2 TG DATA-FACILITY-NUMBER      B   2.0 N
       Not referenced by PASGET.
  2 TH OPERATOR-ID               B   2.0 N
       Not referenced by PASGET.
G 2 TK CORRECTION
       Not referenced by PASGET.
  3 TL ORG-OR-COR                A   1.0 F
       Not referenced by PASGET.
  3 TM REASON                    A   78.0 N
       Not referenced by PASGET.
  3 TN COR-DATE                  A   8.0 N
       Not referenced by PASGET.
  3 TO COR-TIME                  A   6.0 N
       Not referenced by PASGET.
G 1 AA WGT-ITEMS-SEG
       Not referenced by PASGET.
  2 BB WGT-GRP-ID                B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
  2 CC WGT-CT                    B   2.0 N
       Retrieved by PASGET for PAS
       validation reports.
```

FILE...: WEIGHT-ITEM-EIS

TYPE...: ADABAS

FILE-NR: 46

PRIMARY SEQUENCE FIELD: DATA-BASE-KEY

```
T L DB NAME                      F   LENG S DE


P 1 DD ANY-WGT-ITEM
         Retrieved by PASGET for PAS
         validation reports.
  2 EE ITEM-ID                   B   2.0 N
         Retrieved by PASGET for PAS
         validation reports.
  2 FF LOW-WEIGHT                 B   4.0 N
         Retrieved by PASGET for PAS
         validation reports.
  2 GG HI-WEIGHT                  B   4.0 N
         Retrieved by PASGET for PAS
         validation reports.
  1 SD SUPER-KEY                  A   11.0   SP
          SOURCE FIELD(S) --- -START- --END-
         DATA-BASE-KEY                 1     9
         WGT-GRP-ID                    1     2


         Used by PASGET to select data
         from the file.
```

WEIGHT-OBJECT-TABLE

Physical layout of Weight Object table. This layout is also stored in the Tables Description table with the field TABLE_NAME set to TBWGTOBJ. TBGET uses that layout description to form direct calls to retrieve data from the table for PAS validation reports. This layout corresponds to the view TBWGTOBJ.

```
FILE...: WEIGHT-OBJECT-TABLE
TYPE...: ADABAS
FILE-NR: 19
PRIMARY SEQUENCE FIELD: CODE-VALUE


T L DB NAME                      F   LENG S DE
- - --  -- - - --
G 1 WT WEIGHT-OBJECT-TABLE
  2 AA ROW-NUMBER                B   2.0   UQ
       Refer to TBWGTOBJ.  Not
       referenced by TBGET.
  2 BB DATE-ENTERED              A   8.0
       Refer to TBWGTOBJ.  Not
       referenced by TBGET.
  2 CC ACTIVE-INACTIVE           A   1.0 F
       Refer to TBWGTOBJ.  Not
       referenced by TBGET.
  2 DD CODE-VALUE                B   2.0   UQ
       Refer to TBWGTOBJ.  Key by
       which TBGET retrieves data
       from this table.
  2 EE EE-FILLER                 A   1.0 F
       Refer to TBWGTOBJ.  Not
       referenced by TBGET.
  2 FF FF-FILLER                 A   1.0 F
       Refer to TBWGTOBJ.  Not
       referenced by TBGET.
  2 GG SHORT-TEXT                A   8.0 N
       Refer to TBWGTOBJ.  Used by
       TBGET for PAS validation re-
       ports.
  2 HH LONG-TEXT                 A  32.0 N
       Refer to TBWGTOBJ.  Not
       referenced by TBGET.
```

Appendix A

A-1: Legend for File Listing

Heading	Description	Contents
Name	File Name	32-character alphanumeric string
Typ	File Type	U - User View A - ADABAS File (Physical)
NR	File Number	ADABAS File Number
Description	File Description	Free text describing file

A-2: Legend for Listing of Files with Fields

Heading	Description	Values
T	Type	(blank) - Elementary field G - Group field P - Periodic Group M - Multiple Field
L	Level	1-9
DB	ADABAS Field Name	A 2-character alphanumeric string
Name	Field Name	32-character alphanumeric string
F	Field Format	B - Binary A - Alphanumeric I - Integer N or U - Unpacked Numeric P - Packed Numeric F - Floating Point
Length	Field Length	Number; For numeric strings, length is the sum of values on each side of decimal point, with each value representing the places on the respective sides of the decimal point.
S	Suppression Option	(blank) - Default N - Null Suppression F - Fixed Length
DE	Descriptor	DE - Non-unique Descriptor UQ - Unique Descriptor SB - Sub-Descriptor SP - Super-Descriptor

****End of Document****